E. E. Souther Iron Co.

St. Louis, U.S.A.

No. 18

To The Trade

WE SUBMIT with pleasure this our new descriptive catalogue to you. While our previous issue was quite complete, we have added a number of new and useful articles. In the description of them we have been as brief as possible.

This is the age of Steel and there is scarcely a purpose heretofore served by a construction of wood, which cannot now be replaced by Steel to better advantages. Metal for all building purposes, such as Roofing, Siding, Ceiling, etc., is vastly superior in most respects to old wood construction.

We are entering on the forty-second year of our business career; the reputation of our goods is firmly established. At a great expense we have installed our plant with the very best and most improved machinery, and have associated with us the best mechanics, whose long experience in the manufacture of this line of goods, enable us to present to the trade a line of goods that are superior to any heretofore.

In addition to the goods shown herein, we also make a full line of Metal Work for interior decoration, such as Ceilings, Side Walls, etc., which goods are fully illustrated in a separate catalogue, which will be furnished on application to those interested.

Our success is indication of quality of goods we manufacture and of fair, liberal treatment to our customers.

We thank old friends for their good will, and new ones in anticipation, and subscribe ourselves in readiness to serve all faithfully.

At your command,

E. E. SOUTHER IRON CO.

ST. LOUIS, MO.

We ask a careful reading of the advantages which we claim for our goods

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THIS CATALOGUE SUPERSEDES ALL OTHERS

TERMS

NET CASH within thirty days from date of invoice unless otherwise specified. Bills not paid at maturity are subject to sight draft without further notice.

Persons having no commercial rating will save themselves time and annoyance by sending Cash with the order, or St. Louis references.

Remittances must be made in St. Louis or New York Exchange, or their equivalent.

Express charges, exchange and telegrams must be prepaid.

Claims for errors must be made on receipt of goods.

We deliver free on board cars or boats and make no charge for packing in lots of eight suares or more.

Less lots, drayage and packing charged at cost.

The carrier's receipt furnished with invoice relieves us of responsibility for the safe delivery of the goods.

Quotations are for prompt acceptance and subject to change without notice.

CUSTOMERS will please observe that we ship fixtures with our different roofs only when specially ordered, and they are always charged for.

When sufficient Nails and Washers are ordered, we send one pound nails and washers per square for roofing, and one pound nails alone for siding.

No tools are needed for putting on Corrugated Sheets except a hammer.

We do not attempt to furnish Corrugated Sheets cut to a bevel or gable, or to fit any special place. It is impossible for us to do so; the cutting must be done on the job when the sheets are put in place.

All our Corrugated Sheets are packed for shipping with iron bands, as ordinary sheet-iron, and when lapped one corrugation at the side cover exactly 2 feet: when lapped two corrugations, sheets cover 22 inches.

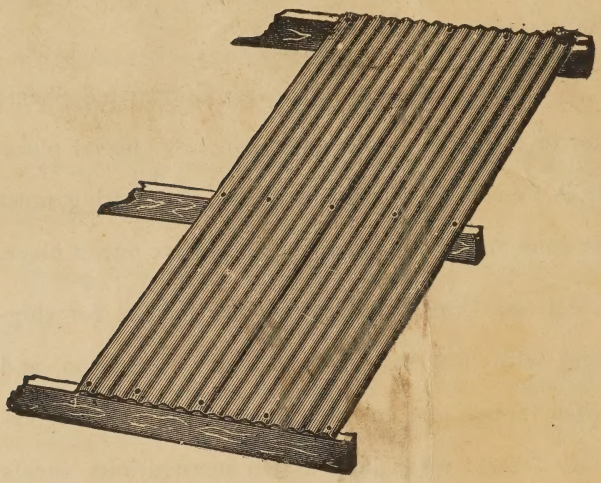
V Crimped and Standing Seam Roofing shipped in small lots, 10 sheets in each bundle. Car lots not crated except at purchaser's cost.

Roll Cap Roofing in rolls, wired.

Two and One-half Inch Corrugation

We have the largest and heaviest corrugating press in the country.

Fig. 3



96 x 26

Ten corrugations to the sheet; full width, 26 inches; covering width, 24 inches. When kind is not specified we always send out No. 28 gauge painted sheets, and where length is not given always send out 8 ft lengths.

But we can furnish, at the same price, sheets 4, 5, 6, 7, 8, 9 and 10 feet long; and at a slight additional charge sheets 12 feet long.

How to Lay Corrugated

Our Standard 2½ inch corrugated sheets cover two feet wide after being lapped one corrugation on the side.

The corrugations are lengthwise of the sheet, which is held in place by being nailed to timbers as shown in the cut below.

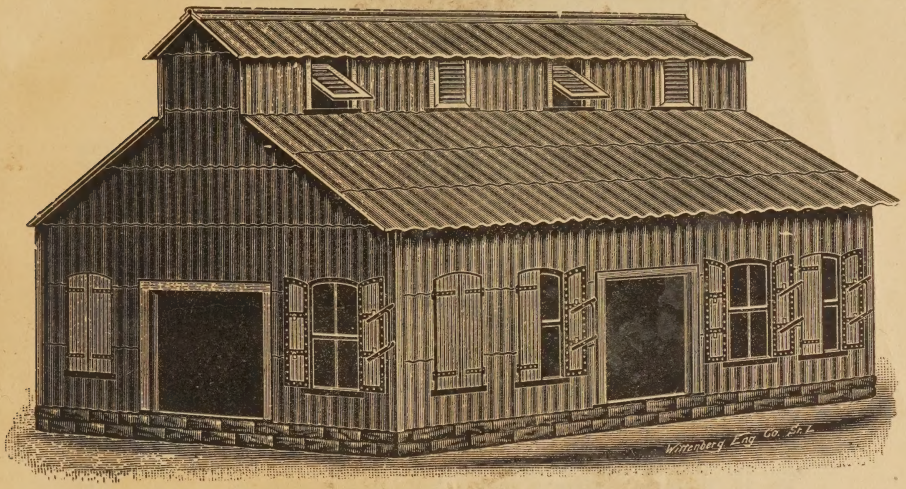


Fig. 174

The above shows the application of our various styles of sheet iron shutters.

Price according to quantity wanted and size.

Used in this way the greatest possible strength is secured for the least cost, and will answer very well for siding or roofing.

For roofing, however, we think it best to sheath solid or almost so with cheap lumber, and to have about the same pitch as required for shingles.

Begin at the lower right hand corner of roof and lay first sheet (water to run down the corrugations) allowing it to project over at eaves and end the desired distance. Continue on up the roof lapping the sheets at the ends until the comb is reached.

Lap the sheets thus with edges always turned down.

Fig. 2

Be sure and have the roof true and have all the corrugations fit true in line.

When the comb is reached with one course, begin at the eaves again, lapping the sheet one corrugation at side over the sheet already laid, and proceed again up the roof. When nailed to studding the distance should be two feet from center to center.

Corrugated Roofing

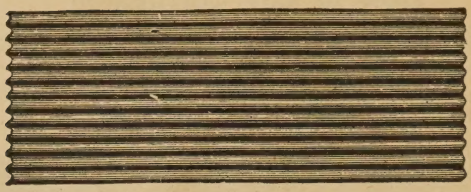


Fig. 4

1¼ inch Corrugated

No. 28. Galvanized. Weighs about 85 lbs. per square.
No. 28. Painted. Weighs about 68 lbs. per square.
We can furnish Painted Sheets or Galvanized Sheets in the following lengths: Sheets 6, 7, 8, 9, 10 and 12 ft. long, and in all gauges. All gauges carried in stock. Weight per square and size of each sheet, figured same as 2½ Corrugated, see page 19.

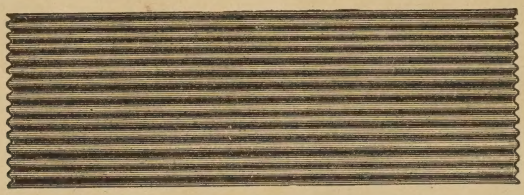


Fig. 5

⅝ inch Corrugated Sheets

No. 28. Galvanized. Weighs about 85 lbs. per square.
No. 28. Painted. Weighs about 68 lbs. per square.
We carry this in sheets 4, 5, 6, 7, 8, 9 and 10 ft. long, both Painted and Galvanized.

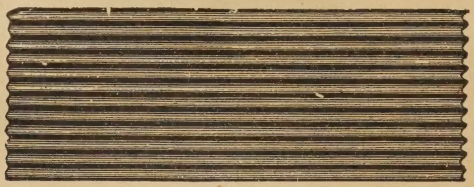


Fig. 6

⅜ inch Corrugated Sheets

No. 28. Galvanized. Weighs about 85 lbs. per square.
No. 28. Painted. Weighs about 68 lbs. per square.
We carry this in sheets 4, 5 and 6 ft. long, both Painted and Galvanized.

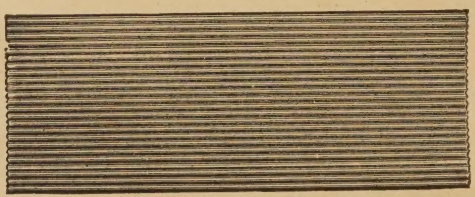


Fig. 7

$^{3}/_{16}$ inch Corrugated Sheets

We carry this in sheets 4, 5 and 6 ft. long, both Painted and Galvanized.

CAN CORRUGATE ANY OF THE ABOVE SHEETS CROSSWISE

Corrugated Iron and Steel for Elevators

We are now making sheets **cross** corrugated, and they are applied to the building as shown in the cut below.

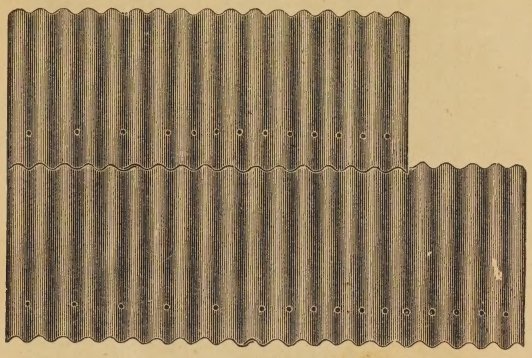


Fig. 8

The sheets are nailed as shown, so as to allow for the settling of the building.

Most common size is sheets 88 inches long by 28 inches wide, although we can furnish other sizes.

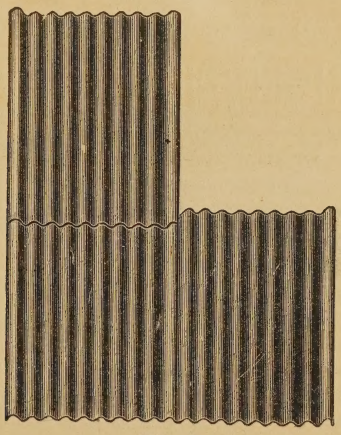


Fig. 9

Another size sheet in general favor among the millwrights is a sheet 32 inches long by 26 wide. The sheets are applied in the same manner.

We can furnish other lengths if desired.

Shows Valley in Corrugated Iron Roof

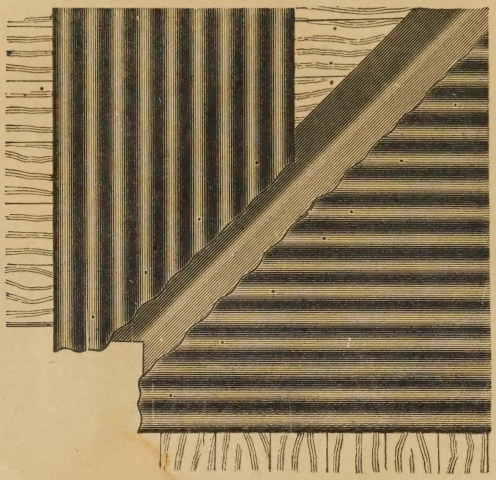


Fig. 10

The wide valley is laid first, and the corrugated sheets cut to correspond with the angle and lapped over the edge of valley several inches as shown.

Showing Hip Covered

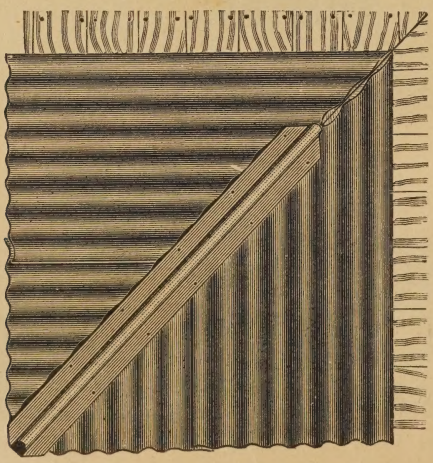


Fig. 11

Showing the application of Ridge Roll to a hip on corrugated roof

How to Commence Siding

This cut shows the manner in which to begin siding a building with corrugated iron. The end of sheet should not touch the ground, but rest on a base board.

Figure 39 is shown in place protecting the wood base board.

To make the corner neat and tight use figure 36 or 38.

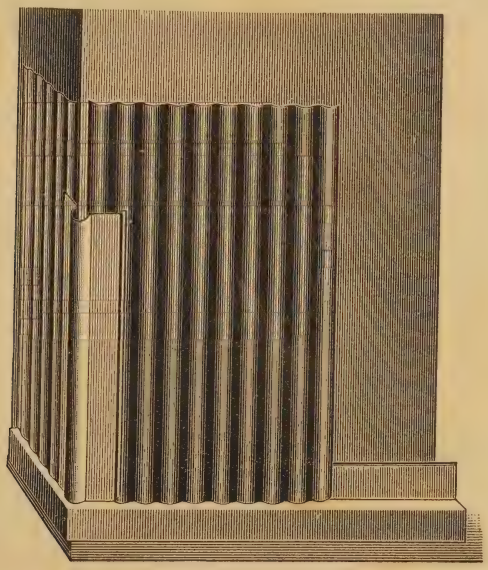


Fig. 14

Window Sill and Cap

Fig. 15

Pressed Standing Seam Roofing, Beaded

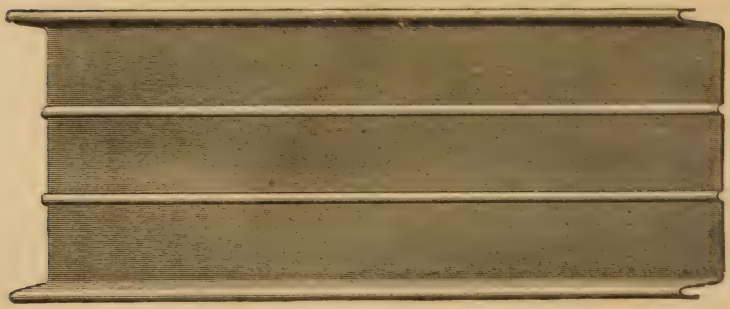


Fig. 16

Except the beads, this shape is the same as the Pressed Standing Seam, Fig. 18, and it is applied the same way, with the same tools. The number of sheets to a square, weight and quality, are just the same as Fig. 18, page 11.

The object of the beads is to stiffen the sheets and prevent rattling.

If this style is wanted it must be clearly specified.

Price **30 cents** a square more than Fig. 18, page 11.

Sheets, 6, 7, 8, 9 and 10 ft long.

Pressed Standing Seam Roofing, Corrugated

Fig. 17

Except the corrugating, these sheets are the same as Fig. 18, page 11. The sheets are applied in the same way and use the same fixtures.

The corrugating stiffens the sheets and prevents rattling.

If this style is wanted it must be clearly specified.

Price **30 cents** a square more than regular standing seam.

Sheets 6, 7, 8, 9 and 10 feet long.

Pressed Standing Seam Roof

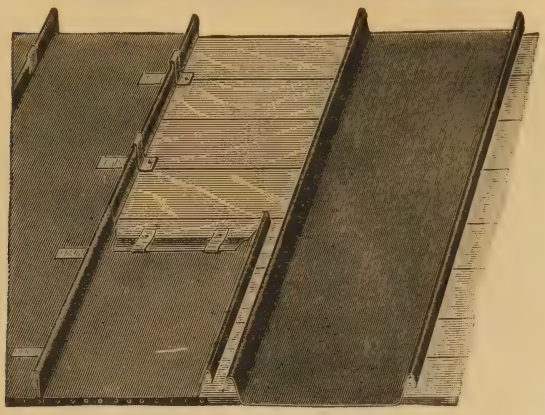


Fig. 18

Weight per square, No. 28, Painted, about 70 lbs. Especially made for flat roofs.

Sheets 6, 7, 8, 9 and 10 ft. long. For weight per square, see page 19.

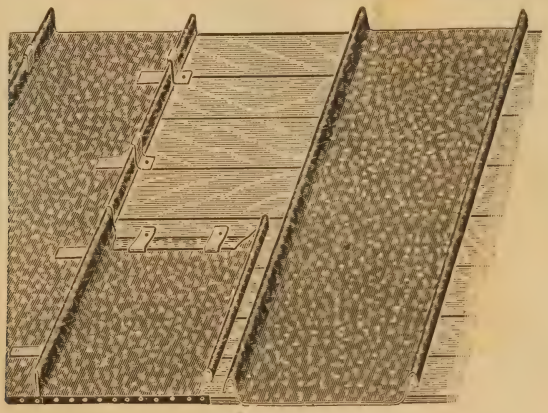


Fig. 19

Weight per square, No. 28, Galvanized, about 90 lbs. Made in sheets 6, 7, 8, 9 and 10 ft. long. For weight per square see page 19.

One Square Consists of:

6¼ sheets 8 ft. long and 2 ft. wide or its equivalent.
1¼ pounds galvanized metal cleats.
Nails shipped only when ordered.

TOOLS TO BE USED WITH PRESSED STANDING SEAM ROOFING

Squeezing Tongs, per pair	$1.50
Snips (best made)	1.50
Mallet	.50

We make a specialty of mixed orders of roofing together with sheet iron and galvanized iron.

Double Seam Steel Roofing

Fig. 20A Fig. 20B

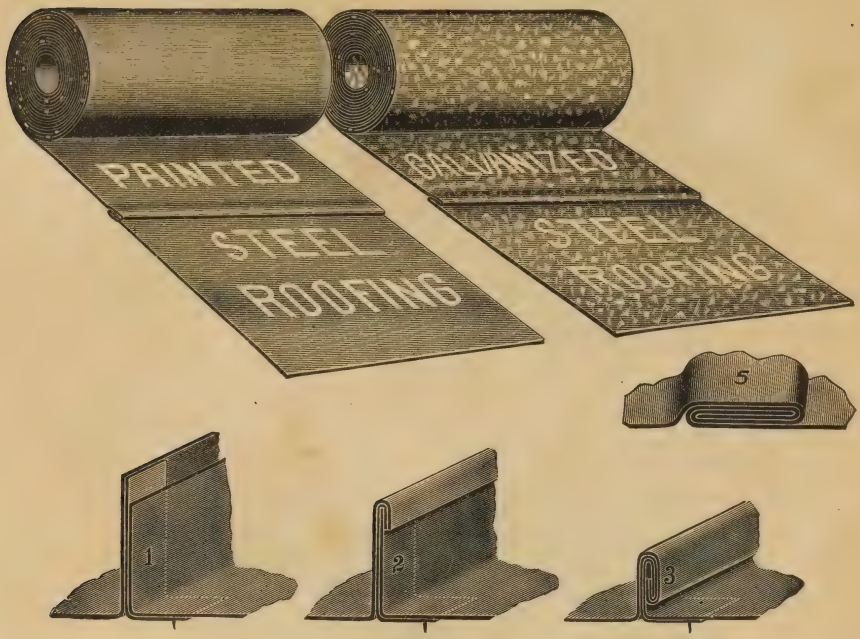


Fig. 21

Fig. 1.—Cleats in position and nailed to sheathing.
Fig. 2.—Shows first fold.
Fig. 3.—Second fold which completes the double seam.
Fig. 5.—Double Seam, Cross Lock.

The roofing is shipped, as shown above, in rolls 50 feet long and 26 inches wide. After turning up one inch on each side, the roll then covers 2 feet wide, or a total of 100 square feet.

One Square Consists of

1 roll of painted or galvanized steel 50 feet long and covering 2 feet wide, or its equivalent.

1¼ pounds metal cleats.

Nails and paint shipped only when ordered.

TOOLS REQUIRED

1 pair 1¼-inch tongs	$ 2.50
1 pair 1½-inch tongs	2.50
1 pair Burrett's double seamers	25.00
1 pair Snips	1.50

We make a specialty of mixed orders of roofing together with sheet iron and galvanized iron in car lots.

Self-Capping Steel Roofing

Fig. 22A Fig. 22B

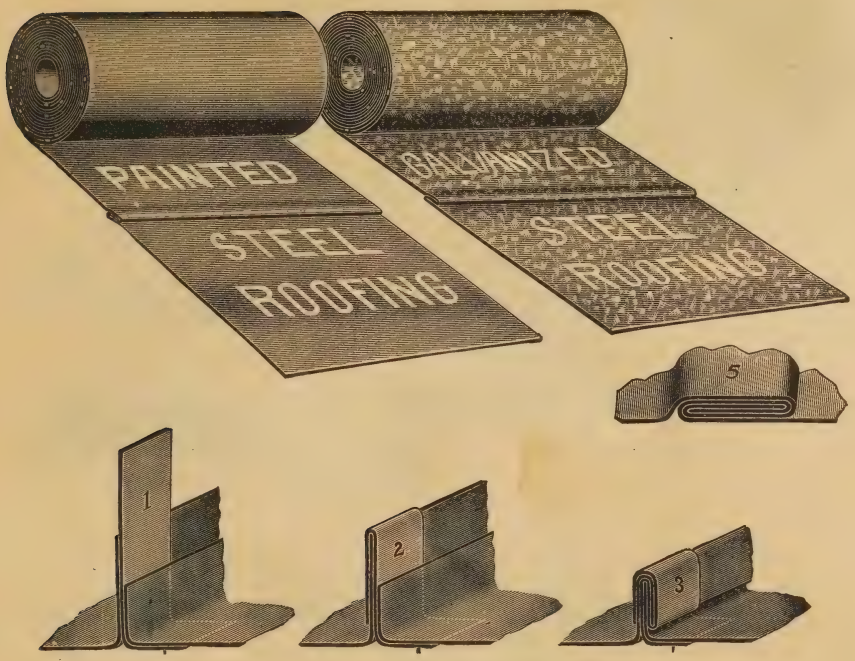


Fig. 23

Fig. 1.—Cleat in position and nailed to sheathing.

Fig. 2.—Cleat turned down over the 1¾-inch turned up edge.

Fig. 3.—Shows finished joint.

Fig. 5.—Double Seam, Cross Lock.

One Square Consists of

1 roll of painted or galvanized steel 50 feet long and covering 2 feet wide, or its equivalent.

1¼ pounds metal cleats.

TOOLS REQUIRED

1 pair Squeezing tongs **$1.50**
1 pair 1 inch tongs **2.50**
1 pair 1½ inch tongs **2.50**

For weight per square see page 19.

Roll and Cap Steel Roofing

Fig. 24A

Fig. 24B

Fig. 25A

Double Seam
Cross Lock

Weight No. 28, Galvanized, about 90 lbs. per square.

Weight, No. 28, Painted, about 75 lbs. per square.

This roofing is shipped, as shown above, in rolls 50 ft. long and 26 in. wide. After turning up one inch on each side, the roll then covers 2 ft. wide, or a total of 100 sq. ft.

One Square Consists of:

1 roll of painted or galvanized steel 50 ft. long and covering 2 ft. wide, or its equivalent.

50 lineal feet of metal caps.

1¼ pounds metal cleats.

Nails and paint shipped only when ordered.

TOOLS REQUIRED

Edging Tongs, per pair	$2.50
Squeezing Tongs, per pair	1.50
Snips (best made)	1.50

We make a specialty of mixed orders of roofing together with sheet iron and galvanized iron.

For weight per square see page 19.

V Crimped Roofing

Galvanized

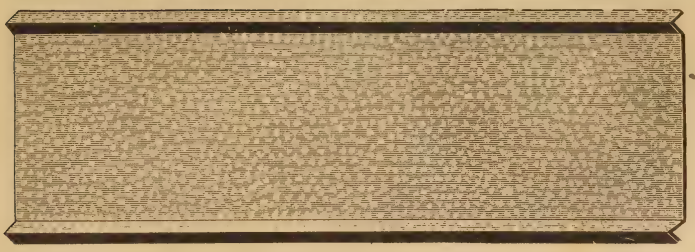


Fig. 28

Weight No. 28 galvanized, about 85 lbs. per square.

The simplest style and cheapest form of Sheet Steel Roofing made.

Sheets regularly kept in stock are 6, 7, 8, 9 and 10 ft. long. Covering width, 26 in., after lapping over crimp, which we allow on this material.

Sheets to be nailed in the edges.

For weight per square see page 19.

Fig. 29

The sheets should be supported by the use of this wood strip, placed under the crimp.

End laps should be 3 to 6 in., according to pitch of roof, or 1 to 2 inches when used for siding.

Another and better way is to cut and turn the end of sheet in such a way as to make "lock seam."

Best adapted to roof with good pitch.

One Square Consists of:

6¼ sheets 8 ft. long and 24 in. wide, or its equivalent.

Nails and paint shipped only when ordered.

WOOD STRIPS.—For 2 V Crimp, **10c** square extra.
For 3 V Crimp, **20c** square extra

NOTE.—Wood Strips Shipped Only When Ordered

V Crimped Roofing

Painted

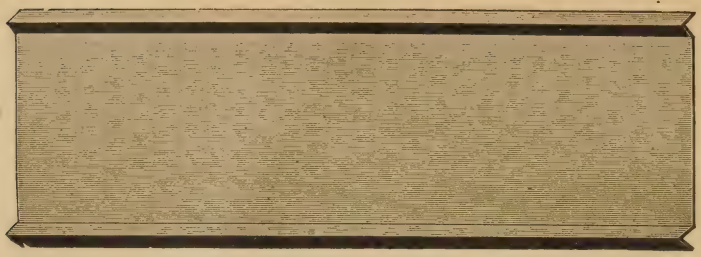


Fig. 25

The simplest style and cheapest form of Sheet Steel Roofing made.

Sheets regularly kept in stock are 6, 7, 8, 9 and 10 ft. long. Covering width, 2 ft., after lapping over crimp, which we allow on this material.

Sheets to be nailed in the edges.

For weight per square see page 19.

3 V Crimped Roofing

Galvanized or Painted

Fig. 30

Fig. 30 shows sheet of 3 V Crimped Roofing.

Except for the crimp down the middle the above shape is the same as the V Crimp, Fig. 25. The middle crimp stiffens the sheet and prevents rattling.

Costs **15c** per square more than V Crimp, Fig. 25.

NOTE.—Wood Strips for Above Shipped Only When Ordered.

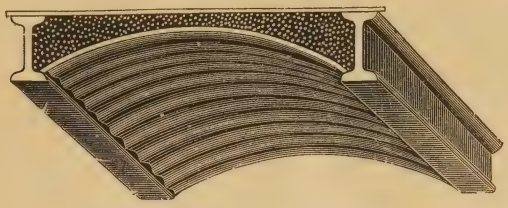


Fig. 3013

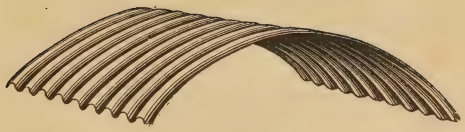


Fig. 3014

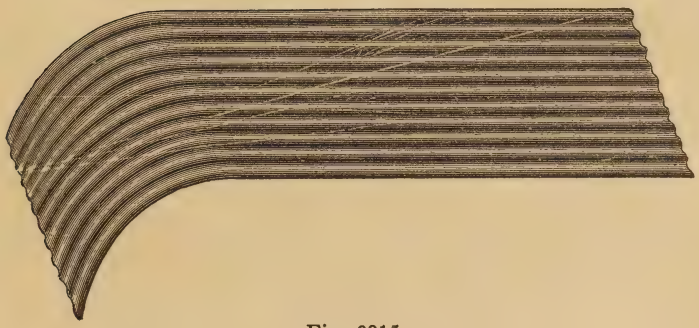


Fig. 3015

Curved Corrugated Sheets Either Galvanized or Painted Sheet.

These Sheets are used for all purposes, such as tanks, arches in fireproofing of buildings, for ventilators, for awnings or for viaducts.

Send full description of what you want and get our prices.

To Order Material

These figures are useful in ordering any style of roofing or siding.

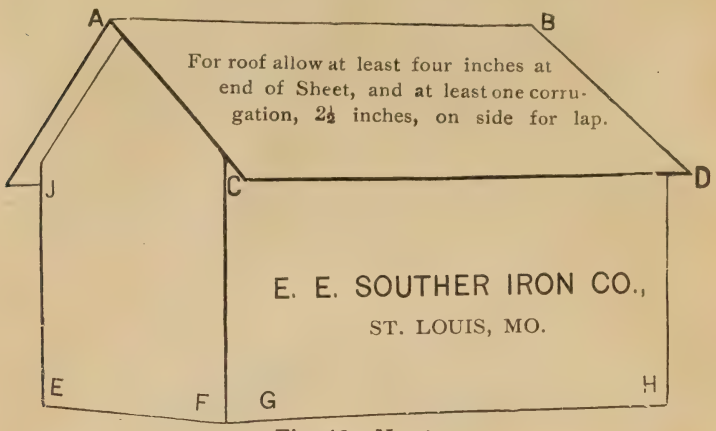


Fig. 46. No. 1

To complete the roof of such a building as this (Fig. 46, No. 1) it is indispensable that the **Combing Strip and Cap** be used, as we know of no other means of making the peak or comb weather-tight, and **Nails and Washers** must also be ordered at the rate of one pound per square to secure the sheets.

FOR SHED ROOFS

Customers who desire to cover a shed (Fig. 47, No. 2) with roofing should give the length of the lines A to B and B to D.

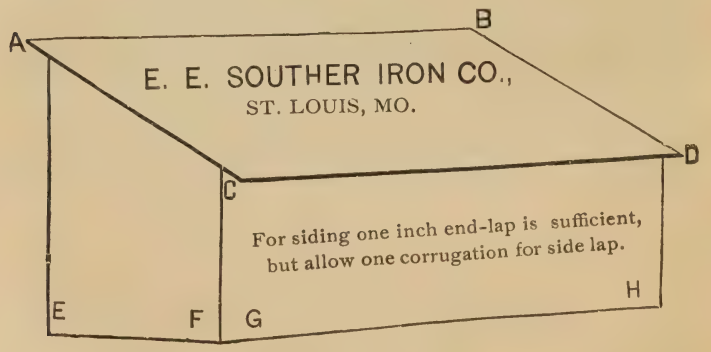


Fig. 47. No. 2

In ordering roofing or siding, it would be well for customers to take one of these outline cuts and fill in the blanks with the lengths of the various lines.

What Constitutes a Square

We quote and sell Corrugated Sheets by the square, that is enough Corrugated Sheets to measure 100 sq. ft. without allowance for laps.

The table below shows the number of square feet in each sheet.

	Sq. Ft.		Sq. Ft.
5 ft.	10.83	9 ft.	19.50
6 ft.	13.00	10 ft.	21.66
7 ft.	15.17	12 ft.	26.00
8 ft.	17.33		

All these sheets, allowing one corrugation for side lap, lay two feet wide to the weather.

Approximate weight per square for roofing sheets, to conform to U. S. standard gauge of flat sheets as adopted by Congress, March 13, 1893. A variation of 2½ per cent either above or below, being allowable.

PAINTED

Weighs per Square.

GAUGE	28	27	26	24	22	20	18	16
Corrugated	68	76	83	110	136	163	217	271
Beaded	70	76	83	.....	.....	.....	.....	.....
2-V Crimped	70	76	83	110	137	164	.....	.....
Weatherboards	75	82	89	119	148	.....	.....	.....
Standing Seam in Sheets	72	79	86	114	142	.....	.....	.....
Roll and Cap	77	84	91	119	146	.....	.....	.....

GALVANIZED

Weighs per Square.

GAUGE	28	26	24	22	20	18	16
Corrugated	85	98	124	151	178	232	286
2-V Crimp	85	98	125	152	.....	.....	.....
Standing Seam in Sheets	88	102	.....	.....	.....	.....	.....
Roll and Cap	93	106	.....	.....	.....	.....	.....

Beaded Siding and Ceiling

Fig. 26

Beads are ⅜ in. wide and 3 in. from center to center.

Furnished either painted or galvanized.

One Square Consists of:

6¼ sheets 8 ft. long and 24 in. wide or equivalent

Weatherboarding

Fig. 27

Furnished either painted or galvanized.

One Square Consists of:

5.88 sheets 8 ft long and 25½ in. wide or equivalent.

Sheet Steel Pressed Brick

Made of Sheet Steel, Painted or Galvanized

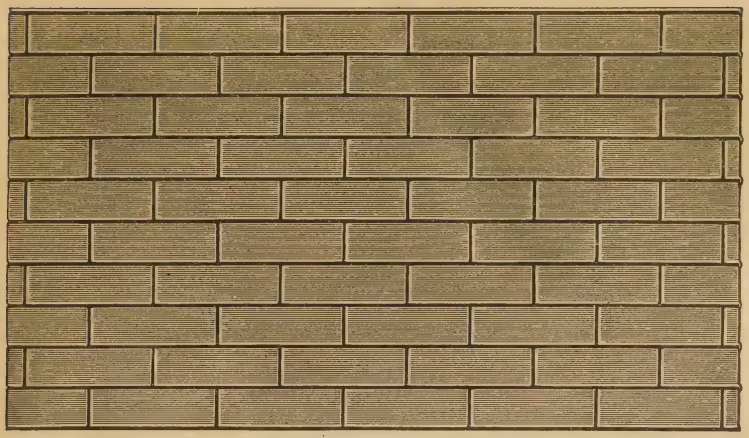


Fig. 31

Size of Brick, 8⅜ x 2¼ in. Sheets 60 x 28 in.

We can furnish any length up to 10 ft, when ordered, but when no size is stated, will ship above size.

Weight per square, No. 28, Painted, about 68 lbs. Weight per square, No. 28, Galvanized, about 80 lbs.

A square consists of 8 4/7 sheets.

Rock-Face Brick

Painted or Galvanized

Fig. 32

Size of Single Brick, 2¼ x 8 in. Sheets, 60 x 28 in.

Weight per square, No. 28 Painted, about 68 lbs. Weight per square, No. 28, Galvanized, about 80 lbs.

A square consists of 8 4/7 sheets.

In ordering plain or rock-face siding, allow 4 to 6 sq. ft. to the 100, for laps.

Rock-Face Stone

Painted or Galvanized

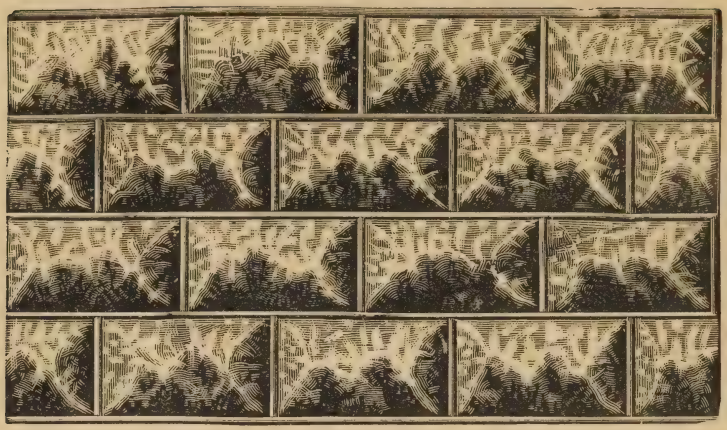


Fig. 33

Size of Single Stone, 7 x 12 in. Sheet, 60 x 28 in.
Weight per square, No. 28, Painted, about 68 lbs. Weight per square, No. 28, Galvanized, about 80 lbs.
A square consists of 8 4/7 sheets.

Rock-Face Stone

Painted or Galvanized

Fig. 34

Size of Single Stone, 9 1/3 x 20 in. Sheet, 60 x 28 in.
Weight per square, No. 28, Painted, about 68 lbs. Weight per square, No. 28 Galvanized, about 80 lbs.
A square consists of 8 4/7 sheets.
In ordering Rock-Face Siding, allow 4 to 6 sq. ft. to the 100 for laps.

Rock-Face Stone

Painted or Galvanized

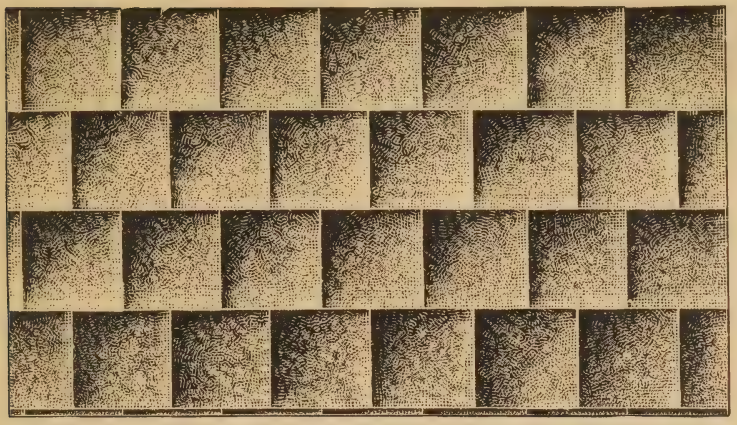


Fig. 71

Size of Single Stone, about 7 x 7 in. Size of Sheet, 60 x 28 in.
Weight per square, No. 28, Painted, about 68 lbs. Weight per square, No. 28, Galvanized, about 80 lbs.

Rock-Face Stone

Painted or Galvanized

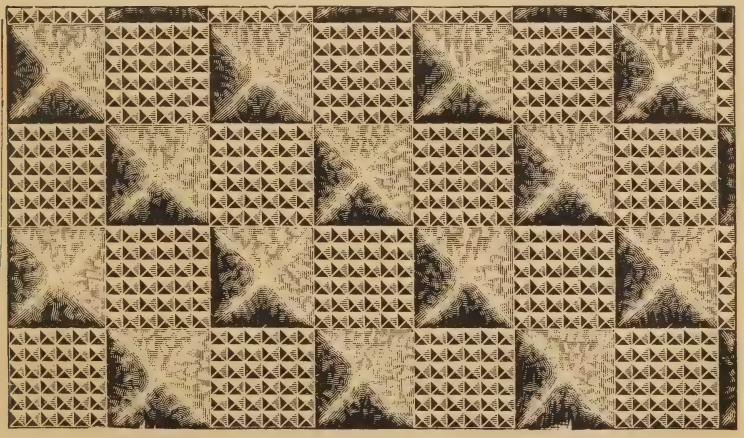


Fig. 72

Size of Single Stone, about 7 x 7 in. Size of Sheet, 60 x 28 in.
Weight per square, No. 28, Painted, about 68 lbs. Weight per square, No. 28 Galvanized, about 80 lbs.
A square consists of 8 4/7 sheets.
In ordering Rock-Face Siding allow 4 to 6 sq. ft. to the 100, for laps.

Continuous Rock-Face Stone

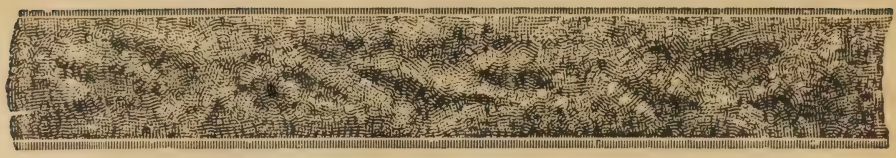


Fig. 290

	Black Steel Painted.	Galvanized Steel.
6 in. wide, per lineal ft.	4½c	6c
8 in. wide, per lineal ft.	6c	8c
10 in. wide, per lineal ft.	7½c	10c
12 in. wide, per lineal ft.	9c	12c

Corner Trimmings

Fig. 291

	Black Steel Painted.	Galvanized Steel.
Metal Corner Board in 8 ft. lengths	4c per ft.	6c per ft.

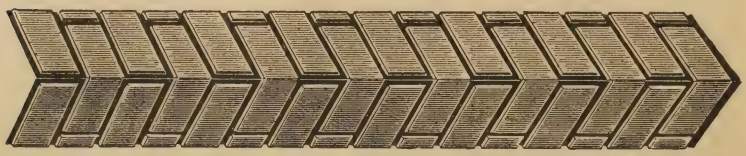


Fig. 292

	Black Steel Painted.	Galvanized Steel.
Press Brick, Corner Finish	5c per ft.	7c per ft.

Fig. 293

	Black Steel Painted.	Galvanized Steel.
Rock-Face Brick Corner Finish	6c per ft.	8c per ft.

Corner Trimmings

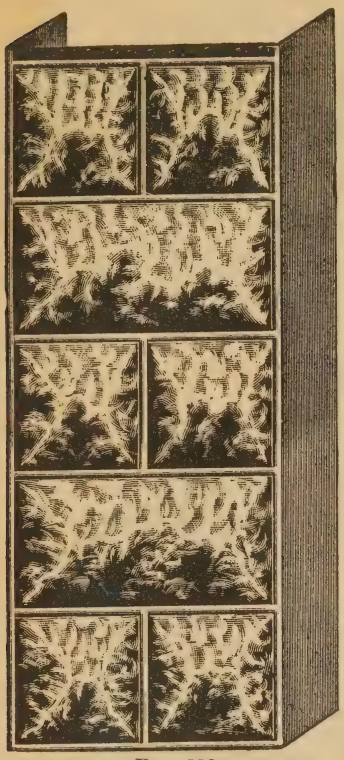


Fig. 289

Fig. 285

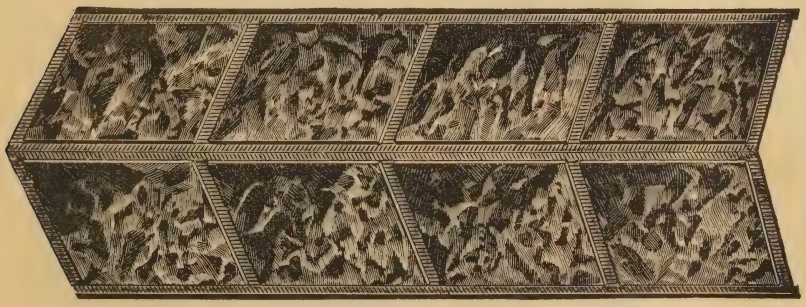


Fig. 288

PRICE LIST

No. 288.	Rock-Face Stone Corner Trimming.	Black Steel Painted. 18c per ft.	Galvanized Steel. 24c per ft.
No. 289. and No. 285.	Rock-Face Stone Pilasters,	Black Steel Painted.	Galvanized Steel.
	10 in. Face with 4 in. projection..	13½c per ft.	18c per ft.
	12 in. Face with 4 in. projection..	15c per ft.	20c per ft.
	16 in. Face with 4 in. projection..	18c per ft.	24c per ft.

Improved Corrugated Roll Cap

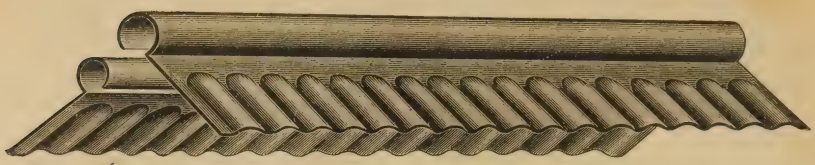


Fig. 44

PRICE LIST

Galvanized .....per ft., **60c**
Painted .....per ft., **50c**

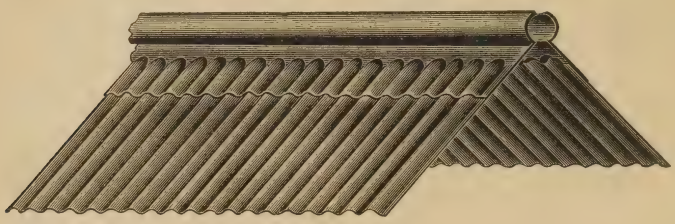


Fig. 45

Shows the application of Fig. 44. Our New and Improved Corrugated Cap.

Nails and Washers

TO FASTEN CORRUGATED SHEETS

Fig. 204

Fig. 3154

Fig. 205

One pound nails and washers, mixed, is about right quantity to lay one square of roofing.

Washers packed 100 lbs. per box.

Corrugated Angle Cap

Fig. 40

Corrugated Roll Cap

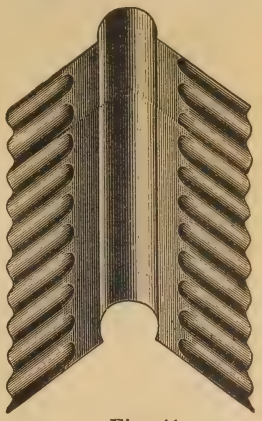


Fig. 41

PRICE LIST

Galvanized .....per ft., 40c
Painted .....per ft., 35c

Flashing

When corrugated sheets are to be joined at the ends to other buildings, use Fig. 42.

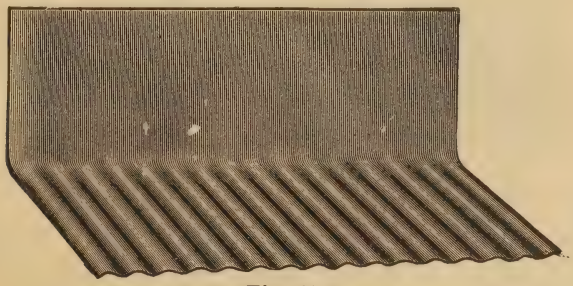


Fig. 42

For the purpose of Flashing ,when corrugated roofs are joined at the **sides of the sheets** to other buildings or to fire walls, we supply Frank's Patn. Flashing which perfectly answers the purpose. The cut below shows this flashing.

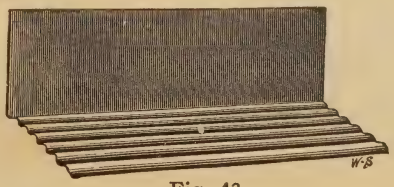
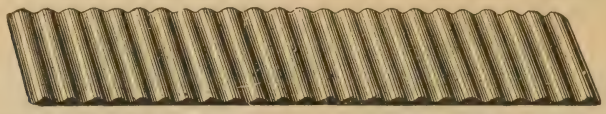


Fig. 43

PRICE LIST

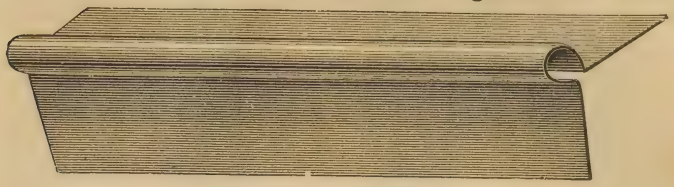
Galvanized .....per ft. 40c
Painted .....per ft. 35c

COMBING STRIP AND CAP—Wood Strip. Fig. 35



1¼ in. thick, 3 in. wide, 2 feet long.....Price, **18c** single foot

PAINTED ROLL CAP. Fig. 36

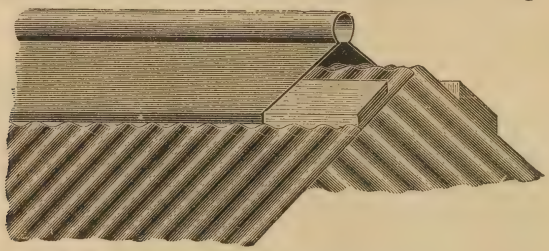


PRICE LIST

Size of Roll	1¼ in.	1½ in.	2 in.	2½ in.	3 in.
Width of Apron	1½ in.	2 in.	2¼ in.	3 in.	3½ in.
Girt	7 in.	8 in.	10 in.	12 in.	15 in.
Painted, per foot	**12c**	**14c**	**17c**	**21c**	**26c**

If size is not given we ship 12 in. girt. For Galvanized Roll Cap, see page 72.

PAINTED CAP AND STRIP IN POSITION. Fig. 37



PAINTED ANGLE CAP

We also furnish an Angle Ridge Cap for cheap jobs

Fig. 38

Width of Apron	3 in.	3½ in.	4 in.
Girt	6 in.	7 in.	8 in.
Painted, per ft.	**11c**	**12c**	**14c**

If size is not given we ship 8-in. girt. For Galv'd Angle Cap, see page 72

Fig. 39

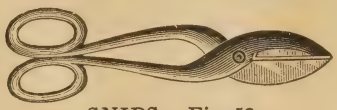
Height	5 in.	7 in.	9 in.
Girt	6 in.	8 in.	10 in.
Projection	1 in.	1 in.	1 in.
Galvanized, per ft.	**13c**	**16c**	**19c**
Painted, per ft.	**11c**	**14c**	**17c**

If size is not given we ship 6-in. Girt. Can be made to fit any size board when specially ordered.

Tools Used in Applying Various Styles of Roofing

Fig. 49
TONGS. Price, $2.50
Used with Roll and Cap and Pressed Standing Seam Roofing

MALLET. Fig. 51
Useful with all Roofing



SNIPS. Fig 52

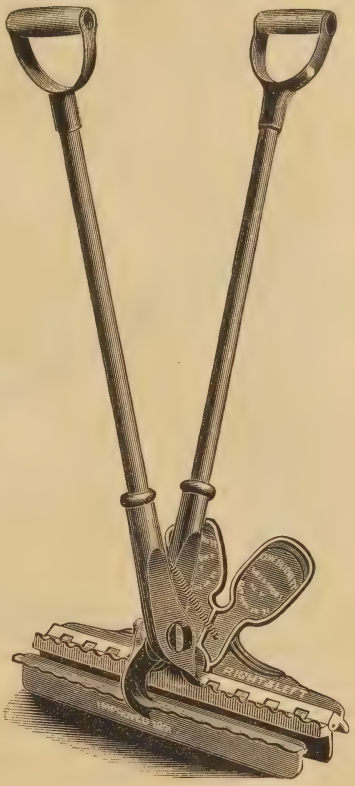


Fig. 367
BURRETT'S DOUBLE SEAMERS
Price, **$10.00** each, or **$20.00** per set (2 Tools)

SQUEEZING TONGS. Fig. 48
Price $1.50
Used with Roll and Cap and Pressed Standing Seam Roofing

These are all the tools necessary to lay any of the style roofs we sell, except, of course, a hammer.

These tools we charge for as per prices given, but we refund the money when returned to us in good order in 30 days from shipment, express charges prepaid.

Corrugated Curved Awnings

HOW TO ORDER AWNINGS WITH BRACKETS

Always state whether Painted or Galvanized Corrugated is wanted; if sheets are to be straight or curved.

2½ in. corrugated is always furnished, unless other size corrugations are specified.

Always give width of building to be covered, and width of side walk to be covered.

Give sketch showing how brackets fasten against wall, and show recess or offset, if any, for top and lower brace.

Give distance between top and lower brace of bracket.

Give number of Brackets required for Awning.

Awnings

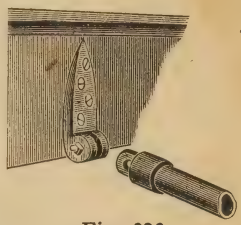


Fig. 393

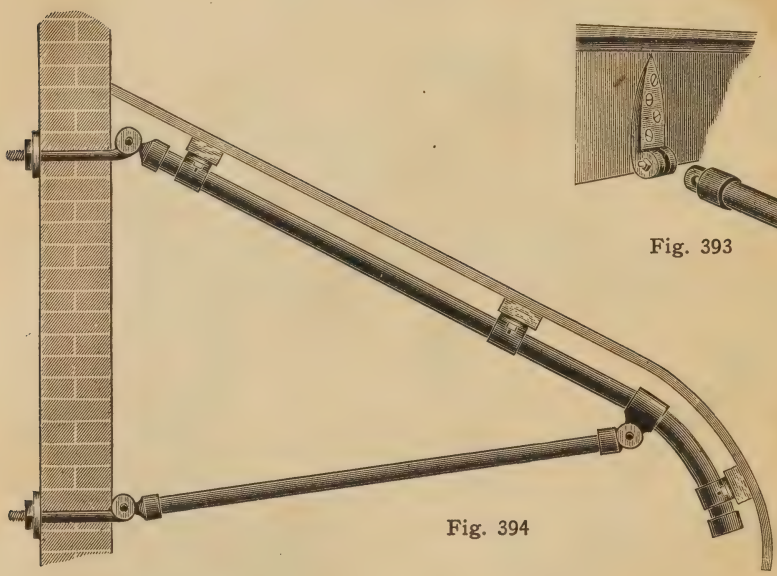


Fig. 394

The rafter on above Awning is attached to end of column by a bolt, making a hinge connection which permits raising and lowering rafter, and thereby obtaining any pitch desired without bending the connection.

Fig. 394 shows detail of Iron Bracket to support single curved awning, attached to brick or stone wall.

Fig. 393 shows attachment for wood building.

In ordering always give width of sidewalk and length of store front, and state whether awning is to be attached to wood or brick wall. Always give thickness of wall.

Corrugated Curved Awnings with Bracket

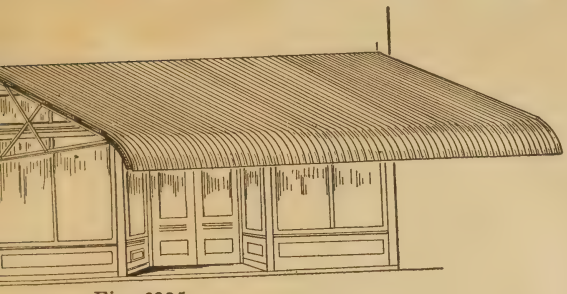
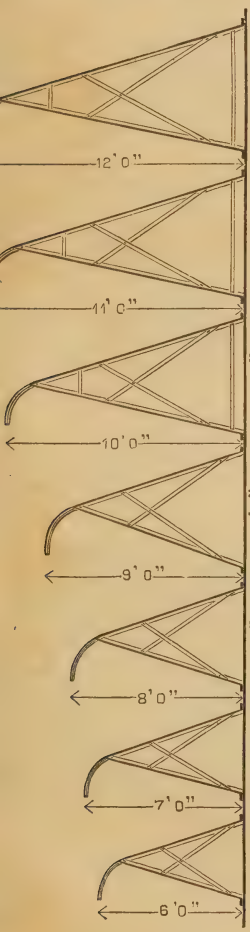


Fig. 3095

All these prices for Awnings are figured on basis of one bracket to each 6 or 8 feet space.

The prices include Brackets and Corrugated Iron curved; also bolts to fasten backets to wall. No other material figured.



No. 7	Awning, with painted sheets, per front ft...	$3.25
	Awning, with galvanized sheets, per front ft.	3.50
	Brackets alone, each.....	9.50
No. 6	Awning, with painted sheets, per front ft...	2.50
	Awning, with galvanized sheets, per front ft.	3.00
	Brackets alone, each.....	8.00
No. 5	Awning, with painted sheets, per front ft...	2.10
	Awning, with galvanized sheets, per front ft.	2.50
	Brackets alone, each.....	7.50
No. 4	Awning, with painted sheets, per front ft...	1.80
	Awning, with galvanized sheets, per front ft.	2.00
	Brackets alone, each.....	7.00
No. 3	Awning, with painted sheets, per front ft...	1.60
	Awning, with galvanized sheets, per front ft.	1.90
	Brackets alone, each.....	6.50
No. 2	Awning, with painted sheets, per front ft..,	1.40
	Awning, with galvanized sheets, per front ft.	1.80
	Brackets alone, each.....	6.00
No. 1	Awning, with painted sheets, per front ft...	1.40
	Awning, with galvanized sheets, per front ft.	1.80
	Brackets alone, each.....	6.00

All the above prices are for 2½-inch corrugated sheets.

Angle iron purlins, per lineal foot, **8c.**

Prices of posts with flanges, 2-inch, **30c**; 2½-inch, **40c**; 3-inch, **60c** per lineal foot.

Corrugated Curved Awning with Iron Rafter and Pipe Post

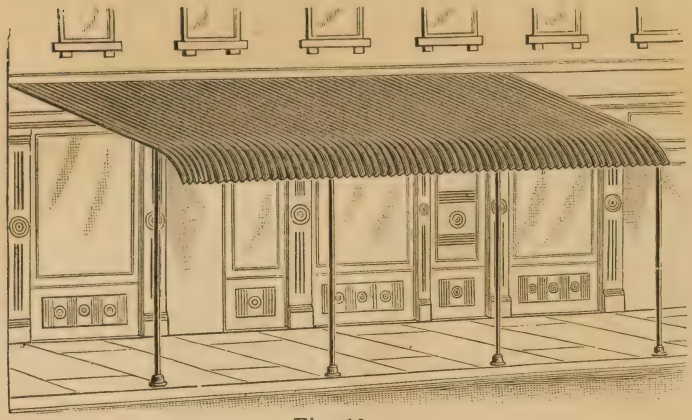
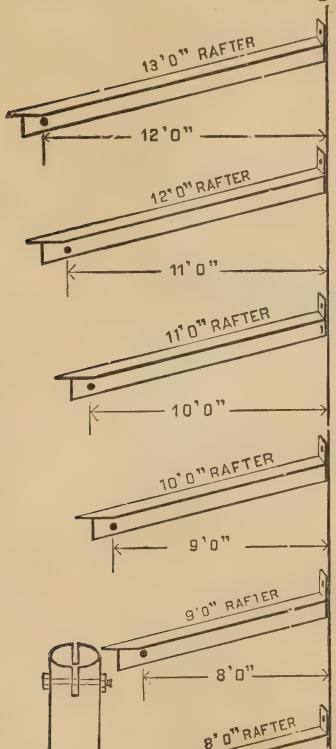


Fig. 13

All these prices for Awnings are figured on basis of one Rafter to each 6 or 8 ft.

The prices include Corrugated Iron and Rafters only. Purlins must be figured extra. Pipe Posts must be figured extra.

See prices at foot of page.



No. 8	Awning, with painted sheets, per front ft...	$1.90
	Awning, with galvanized sheets, per front ft.	2.30
	T Iron Rafter, each.....	7.00
No. 9	Awning, with painted sheets, per front ft...	1.80
	Awning, with galvanized sheets, per front ft.	2.15
	T Iron Rafter, each.....	7.00
No. 10	Awning, with painted sheets, per front ft...	1.80
	Awning, with galvanized sheets, per front ft.	2.15
	T Iron Rafter, each.....	6.75
No. 11	Awning, with painted sheets, per front ft...	1.70
	Awning, with galvanized sheets, per front ft.	2.00
	T Iron Rafter, each	6.75
No. 12	Awning, with painted sheets, per front ft...	1.40
	Awning, with galvanized sheets, per front ft.	1.70
	T Iron Rafter, each.....	6.00
No. 14	Awning, with painted sheets, per front ft...	1.30
	Awning, with galvanized sheets, per front ft.	1.60
	T Iron Rafter, each	5.50
No. 15	Awning, with painted sheets, per front ft...	1.25
	Awning, with galvanized sheets, per front ft.	1.50
	T Iron Rafter, each	5.50

Fig. 3019 All the above prices are for 2½-inch corrugated sheets.
Angle iron purlins, per lineal foot, 8c
Pipe post with one flange, and slot and hole to secure T iron rafter, 2-inch, 30c; 2½-inch, 40c; 3-inch, 60c per lineal foot.

"Run Easy," Anti-Friction Barn Door Hangers, with Self-Locking Loose Axles

Fig. 498

		Per Doz. Pair.
No. 1	3 in. Wheel, 5 ft. Run, Weight per doz. pairs, 102 lbs...	$ 15.00
No. 1½	4 in. Wheel, 10 ft. Run, Weight per doz. pairs, 132 lbs...	18.00
No. 2	5 in. Wheel, 11 ft. Run, Weight per doz. pairs, 174 lbs...	22.00

Packed either one dozen or one-half dozen in a case.

Run Easy Steel Rail, 1¼ x 3/16 in., complete with brackets, in 6, 8 and 10 ft. lengths, weight, 75 lbs. per 100 ft.....9c per ft.

Barn Door Rail Cover

Made of Galvanized Iron

Protects Barn Door Rail from rain snow and ice; thus preventing the wheels and rail from becoming clogged and rusty.

Fig. 499

PRICE LIST

10 in. girt	19c per foot
12 in. girt	23c per foot
14 in. girt	27c per foot

Braces for above, 3c each, net.

Braces should be placed about 4 ft. apart

Fig. 362

Fig. 368

Showing Profile of Souther's Metal Shingle

PRICE LIST

Our aim in putting the Souther's Metal Shingles on the market is not to manufacture the cheapest article possible, but rather to elevate this branch of the trade by furnishing a roofing of superior quality and simplified in construction at the lowest possible price, and at the same time retaining its ornamental appearance.

These shingles are stamped out of best quality, full weight, I C Charcoal Terne or Roofing Plate, and painted on both sides, and also of best Juniata Galvanized Sheet Steel. Packed in crates of two squares each.

Shingles, 7 x 10, Tin	316 Shingles, per square
Shingles, 10 x 14, Tin	152 Shingles, per square
Shingles, 14 x 20, Tin	65 Shingles, per square
Shingles, 7 x 10, Galvanized	316 Shingles, per square
Shingles, 10 x 14, Galvanized	152 Shingles, per square
Shingles, 14 x 20, Galvanized	65 Shingles, per square

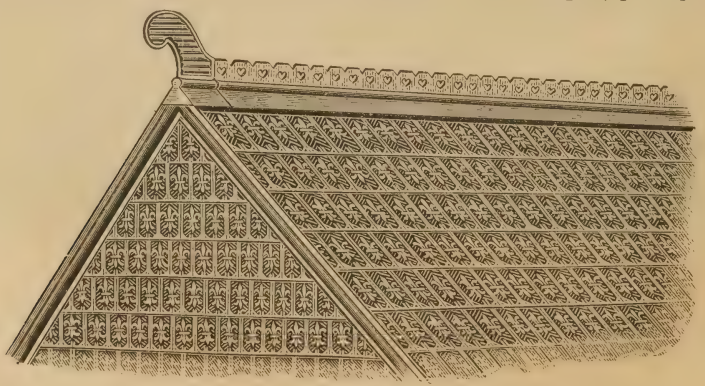


Fig. 369

This shows our Shingles No. 362, applied to Hip Roof. Can be used on any roof not less than quarter pitch.

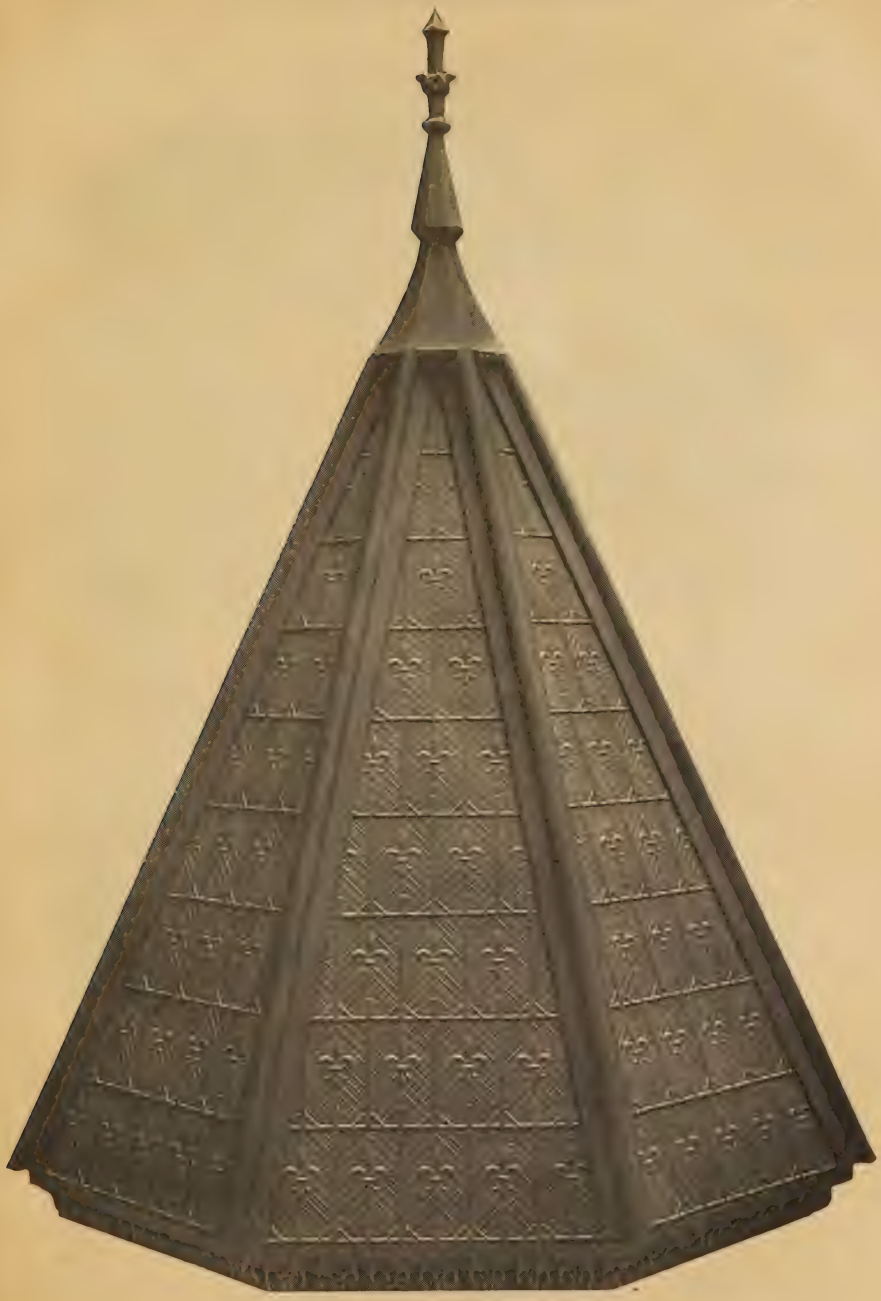


Fig. 338

This is to show how our Shingles No. 362 are applied to a tower with straight rafters.

For Circular Towers send full information and we will be glad to quote you.

We are also prepared to quote on Spanish Tile.

Special Ridge Cap, Valley and Gutter, for Souther's Metallic Shingle

FOLDED APRON ANGLE CAPPING

Made in 8 ft. Lengths

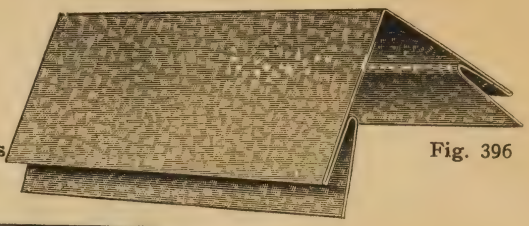
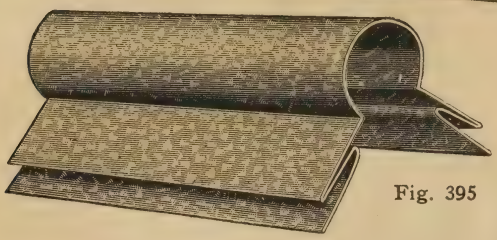


Fig. 396



FOLDED APRON RIDGE ROLL CAPPING

Fig. 395 Made in 8 ft. Lengths

Is made from one piece of metal, folded, as shown above, producing a storm-proof covering, the shingles being inserted into the fold over the nailing flanges, thus protecting the nail heads from the weather.

Fig. 395 Galvanized Roll Capping	Fig. 396 Galvanized Angle Capping
1¼ in. Roll, 12 in. Girt, Pocket 1¼ in. deep, per ft., **26c**	10 in. Girt, per ft., **22c**
1½ in. Roll, 14 in. Girt, Pocket 1⅜ in. deep, per ft., **30c**	12 in. Girt, per ft., **26c**
2 in. Roll, 16 in. Girt, Pocket 1½ in. deep, per ft., **34c**	14 in. Girt, per ft., **30c**

FOLDED METAL SHINGLE VALLEY—Made in 8 ft. Lengths

This Valley is made so that the Shingles will lock over the Fold as shown in cut.

PRICE LIST

12 in. Girt, Galvanized Iron, per ft....**35c**

14 in. Girt, Galvanized Iron, per ft....**40c**

16 in. Girt, Galvanized Iron, per ft....**45c**

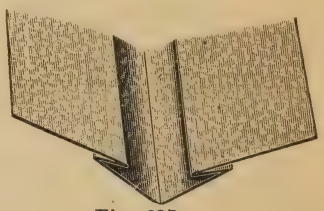


Fig. 397

SPECIAL GUTTER—Made in 8 ft. Lengths

Shingles Lock over Fold at Top of Gutter, as shown in cut.

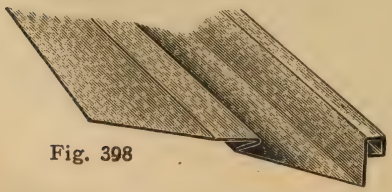


Fig. 398

PRICE LIST

15 in. Girt, Galv'd Iron, per ft...**45c**

20 in. Girt, Galv'd Iron, per ft...**60c**

NOTE—Can also furnish above Valley and Gutter in Tin, 28 in. Long

Cluster Slate Roofing

Fig. 296

Covering width, 2 ft.

Size of sheet, 24 in. by 60 in., and 24 in. by 120 in.

Made of Pure Roofing Steel, No. 28 gauge.

Apply same as Pressed Standing Seam Roofing.

Can furnish either No. 28 Painted Red or Galvanized.

Painted, per square..... $.....

Galvanized, per square..... .....

Cluster Shingles for Siding

Fig. 364

Size of sheets, 28 in. by 60 in.

To be laid with lapped edge.

Fig. 298

Can furnish either style No. 28 gauge Painted Red or Galvanized.

Painted, weighs about 70 lbs. per square, and Galvanized about 90 lbs.

Painted, per square..... $.....

Galvanized, per square..... .....

Spanish Tile Roofing

Quickly and easily applied.

For all roofs, not having straight rafters, special dies must be made.

We also make Spanish Ridge Moulding, Gable Moulding, Hip Moulding and Terminals to match Spanish Tile.

Fig. 3156 REGULAR PLATE

Fig. 3157 STARTING PLATE

For Prices Submit Sketch and Give All Dimensions

Spanish Tile Roofing

Fig. 3158

The above cut shows circular dome covered with our Galvanized Steel Graduated Tile Roofing. The only perfect graduated tile on the market, for circular roofs, domes, bell-shaped towers and all conical surfaces.

For Prices Submit Sketch and Give All Dimensions

Stamped Shingles for Hips

Fig. 294

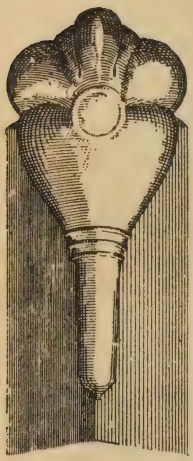
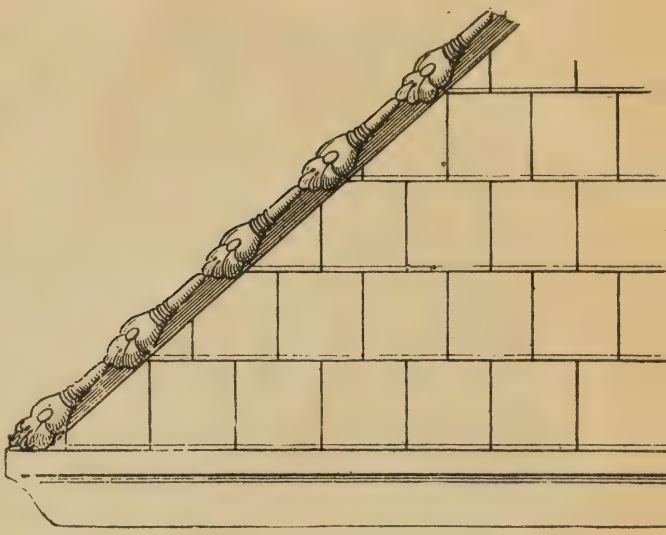


Fig. 295



Showing Shingle on Roof

MADE OF TIN, COPPER AND GALVANIZED STEEL

Try a Sample Box

The above hip shingles are stamped in tin, copper or galvanized steel; they are designed to lay in the courses as the shingles are laid, but can be slipped in after the shingling is done. This makes the cheapest ornamental hip finish known. Shingles or slate do not need to be cut true, as the hip shingle insures a tight job.

PRICE LIST

Size.	Tin, Painted Per 100	Galvanized Iron Per 100	Copper Per 100
4 x 9 in.	$3.00	$4.50	$.....
5 x 12 in.	6.00	7.50	$.....

Packed 250 and 500 in a box

Discount .....

Souther's Metallic Paints

PAINT.

The durability of Iron and Steel Roofing like that of any metal exposed to the weather, depends greatly on the quality of the paint used. Our success with roofing is due mostly to the fact that we use only the best pulverized oxide of iron and genuine kettle-boiled linseed oil. The paint is ground and mixed in our own factory, and we are thus able to guarantee its composition and quality. It contains no turpentine, benzine or other "thinner." We recommend and sell it largely for use on all outside work, whether of wood, brick or iron. One gallon of **Climax Paint** will cover about 300 feet of surface with one good, solid coat. Customers in ordering will please use the name we have given to each preparation of paint we offer, as follows:

Dry Mineral Paint.—This is dry oxide of iron pulverized to the consistency of flour, in kegs or barrels.

Paste.—Is oxide of iron ground in boiled linseed oil to the consistency of white lead, in kegs or cans. To 7½ lbs. of the paste and a gallon of linseed oil, add about a quart of turpentine or benzine, which makes the proper proportion of paint ready for use.

Climax Paint.—This is mixed ready for use in any size packages. If too thick, turpentine, benzine, or whatever thinner is preferred, may be added to the **Climax Paint** in proper proportion.

GRAPHITE PAINT

To insure a grade of protection for our most merchantable roofing, we are now prepared to use genuine Graphite Paint, mixed in our factory with only old process of linseed oil, for the first coating of our steel sheets. This paint will not corrode under any circumstance, and is not affected by heat or cold, acids, alkalis, sulphurs, ammonia or chemical fumes. To secure the best results on any metal surface, one coat should be applied and allowed to stand a week or so before applying the second coat.

SOUTHER'S ASPHALT ROOF AND IRON PAINT

The color is a brilliant black, closely resembling enamel when applied on tin or iron. When desired, a coat of sand can be added, coloring the roof an agreeable gray.

Put up in barrels and half barrels, 5 and 10-gallon cans.
More fire-proof than many so-called fire-proof paints.
A perfect preservative for wood, iron, brick or cement.
Prevents oxidization when used on any kind of metal surfaces.
Withstands the action of acids, alkalis or Salines.
Sets in a few hours on hot or cold surfaces without tackiness.

Give us a trial order and we will please you

One gallon will cover about 800 feet tin, iron or smooth wood; about 100 square feet felt or shingles.

Write for prices

Souther's Indian Brand Elastic Rubber Roofing

Fig. 515

36 inches wide

Equal to Any Superior to Many

FOR MILLS, WAREHOUSES FACTORIES AND ALL CLASSES OF BUILDINGS

Lasting—Easily Put On

Does Not Taint the Water

A Perfect, Portable Roofing, Requiring no Coating
Suitable for Steep or Flat Surfaces
Will Stand Any Climate
Is Water Proof and Acid Proof
Unequalled for Roofing, Siding or Insulating

Made from a special long fibre wool felt, thoroughly saturated and coated both sides with a perfect water and acid proof cement, well surfaced.

The compound used in its manufacture has a high melting point and has no volatile properties to dry out under the heat of the sun's rays.

Is made in three thicknesses and put up in a very attractive manner

1 Ply weighs about 35 pounds to Roll, 36 inches wide
2 Ply weighs about 45 pounds to Roll, 36 inches wide
3 Ply weighs about 55 pounds to Roll, 36 inches wide

} Write for Samples and Prices

Each roll will lay 100 square feet of roof.

Can be laid over shingles. It makes friends and is a ready seller.

Packed in center of roll are directions for laying and sufficient nails and liquid cement to lay 100 square feet complete.

"Southers" Brand

DIRECTIONS FOR APPLYING ON EVERY ROLL

2 and 3-Ply Tarred Ready Roofing

Fig. 340
Roofing Nail and Tin Washer Used in fastening the Roofing.

Two (2) Ply

is made from two layers of a No. 1 grade of **Standard Calendered Tarred Felt,** well cemented together, same as in the 3-ply, and is put up in 108 sq. ft. rolls, 32 in. wide. It is designed for use where a lighter and less expensive roof than 3-ply is required. Weighs about 40 lbs. to the roll.

Three (3) Ply

is made from three layers of a No. 1 grade **Standard Calendered Tarred Felt,** well cemented together between layers with an **Adhesive Waterproof Cement.** The finish of this Roofing is unexcelled, and is put up in clean, compact rolls of 108 sq. ft. 32 in. wide by 40 ft. 6 in. long, sufficient to cover 100 sq. ft. of surface, allowing enough for a 2 in. lap; weighs about 60 lbs. to the roll.

Souther's Asphalt Coating

We furnish Asphaltum Roof Coating, made exclusively for putting on felt roofing; it is prepared ready for use, and of a consistency to be applied with a brush, forming an inexpensive and durable fire and waterproof coating for felt roofs. Will last much longer than coal tar or adulterated cements. Just the thing for repairing old roofs.

Put up in barrels, one-half barrels, 10, 5 and 2 gallon cans.

Coal Tar

We have considerable calls for this for various purposes. Our coal tar is distilled and is free from water; put up in barrels containing about 50 gallons.

Coal Tar Pitch

we guarantee to always be a straight run article made from the best quality of Coal Tar, distilled to the proper consistency for gravel roofing, etc. Put up about 600 lbs. per barrel.

"American Seal" Asbestos Fireproof Furnace Cement

This Cement is composed of asbestos materials, and is used for mounting and repairing furnaces, ranges, heaters, stoves, etc., making them gas tight. It is prepared ready for use, adheres firmly to the castings and sets in a few hours. It is an odorless cement; contains no oil; is not injured by acids or chemicals. Put up 5 and 10 lb. packages.

Souther's Elastic Roof Cement

This Cement is very much used and is more reliable than solder. It is not affected by the cold or heat. It will stick to any dry surface and will prevent a leak in any kind of metal or slate roof. Put up in 5 lbs., 10 lbs. and larger packages.

Paint Brushes

Fig. 53A

No. 1—4 Knot Brush. No. 2—3 Knot Brush. No. 3—2 Knot Brush.

Keep your brushes in a cool place and you will never have any trouble on account of their being loose from shrinkage.

To preserve brushes for future use, wash them out thoroughly and hang up. Be sure and soak them before you attempt to use them again.

Write for Samples and Prices

Fig. 53

Calendered Tar Felts

Put Up 500 Square Feet Rolls, 32 Inches Wide

They are made from a selected, all-wool, long fibre stock, compactly finished. We adopt a uniform, dry and thorough saturation only, with the best quality of **Refined Coal Tar**; making a roofing felt that is always **Free Rolling, Stronger** and **More Waterproof** than the common tarred felts.

No. 1. Dry saturation, 500 sq. ft. rolls, 32 in. wide, 55 lbs. per roll.
No. 2. Dry saturation, 500 sq. ft. rolls, 32 in. wide, 45 lbs. per roll.
No. 3. Dry saturation, 500 sq. ft. rolls, 32 in. wide, 40 lbs. per roll.

Aboye used in tar and gravel roofing specifications; also as a lining felt, under slate or shingles, and for general sheathing purposes.

Tarred Roofing Felts for Gravel Roofing

are made from a standard grade of wool felts, carefully saturated and guaranteed free rolling. Are put up under the following numbers and measures, in 32 in. widths:

No. 1, about 216 sq. ft., weighing about 23 to 25 lbs. per 100 sq. ft., about 50 lbs. per roll.

No. 2, about 324 sq. ft., weighing about 14 to 15 lbs. per 100 sq. ft., about 50 lbs. per roll.

No. 3, about 500 sq. ft., weighing about 10 to 12 lbs. per 100 sq. ft., about 50 to 60 lbs. per roll.

Sold by weight instead of measure.

Souther's Slaters' Felt

is recommended as a first-class regular grade for lining under slate and shingles and for a light, economical sheathing. Put up in accurately measured rolls of 500 sq. ft., 36 in. wide, weighing about 30 pounds to the roll.

Rosin Sized Sheathings

We offer a high finished grade of the following well established brands, as follows: Put up in rolls 36 in. wide, containing 500 sq. ft. to the roll.

20 lb., 25 lb., 30 lbs. per roll.

Carpet Linings

Our Carpet Linings are absolutely Moth Proof. They will save their cost in one year in saving of wear on your carpets. Put up in yard marked rolls of 50 lineal yards, one yard in width, of the following kinds:

C Plain Moth Proof, ¾ lb. to square yard, about 38 lbs to roll.

CC Plain Moth Proof, 1 pound to square yard, about 38 lbs. to roll.

Wool Deadening Felts

Our Deadening Felts have no Superior, being made from selected woolen stock, finished in the most improved manner. We offer it in three (3) thicknesses, put up in rolls 36 in. wide, of the following weights:

One (1) lb. to square yard, weighing about 50 lbs. to roll.

One and one-half (1½) lbs. to square yard, weighing about 75 lbs. to roll.

Two (2) lbs. to square yard, weighing about 100 lbs. to roll.

Asbestos Covering for Hot Air Furnace Pipes and Heaters

This sheathing is manufactured from a mineral fibre possessing the highest fire-proof and non-conducting qualities, rendering Asbestos Papers a valuable protection against fire. Used for lining buildings, refrigerators, between wood floors, covering steam pipes, hot air flues, etc. ¾ lb., 1 lb., 1½ lb. and 2 lb. per yard. Rolls 36 in. weighing from 50 to 100 lbs. per roll.

Patent Polygon Pipe

Can Be Furnished in Either Galvanized or Copper

Made from Galvanized Iron, in 10 ft. lengths, without a cross seam; from Copper, in 8 ft. lengths.

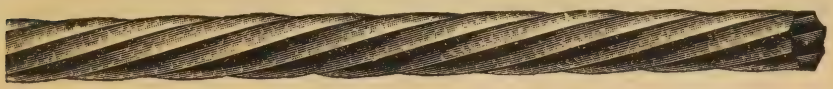


Fig. 184

PRICE LIST

Size.	14 oz. Copper	No. 28 Galvanized
2 in.	per foot $0.45	Per foot $0.15
3 in.	per foot .56	Per foot .17
4 in.	per foot .72	Per foot .23
5 in.	per foot .93	Per foot .28
6 in.	per foot 1.10	Per foot .34

Discount .... per cent

Flat Crimp Polygon Elbows and Shoes

Patented

No. 3

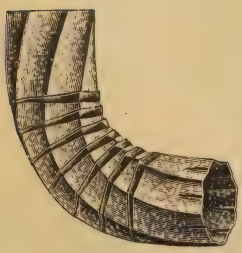


Fig. 185

PRICE LIST

Galvanized

	Elbows	Shoes
2 in., each	$0.40	$0.48
3 in., each	.45	.54
4 in., each	.60	.72
5 in., each	.90	1.08
6 in., each	1.08	1.30

Shoe

Fig. 186

14 oz. Copper	Nos. 0, 1, 2 & 3	No. 4 Shoe
2 in.	$0.85	$0.90
3 in.	1.10	1.20
4 in.	1.60	1.80
5 in.	2.40	2.75
6 in.	3.40	3.75

Discount .....

Made in Four Angles

These Elbows are made to match and fit Polygon Pipe perfectly

Conductor Pipe

CORRUGATED ROUND CONDUCTOR PIPE. 10 FT. LONG

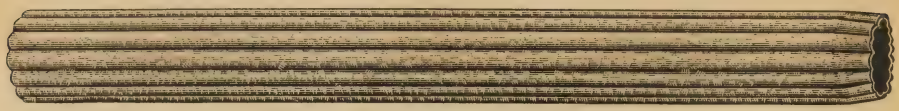


Fig. 58

Size	14 oz. Copper	No. 28 Gauge Galvanized Steel
2 in.	per foot $0.40	Per foot $0.13
3 in.	per foot .50	Per foot .15
4 in.	per foot .65	Per foot .20
5 in.	per foot .85	Per foot .25
6 in.	per foot 1.00	Per foot .30

Corrugated Square Conductor Pipe

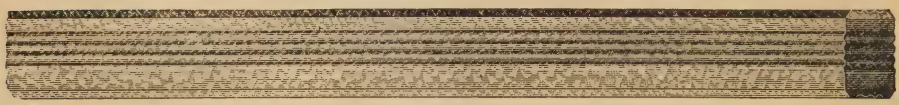


Fig. 66

Size	14 oz. Copper	No. 28 Gauge Galvanized Steel
1¾ x 2¼ in. (2)	per foot $0.42	Per foot $0.14
2⅜ x 3¼ in. (3)	per foot .52	Per foot .16
2¾ x 4¼ in. (4)	per foot .67	Per foot .21
3¾ x 5 in. (5)	per foot .87	Per foot .26

Plain Round Conductor Pipe 10 Ft. Long

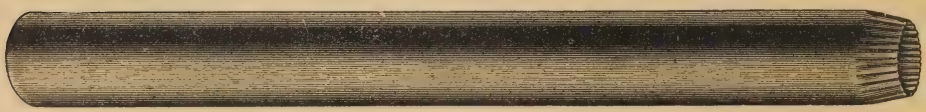


Fig. 59

Size	14 & 16 oz Copper	No. 28 Gauge Galvanized Steel
2 in.	per foot $0.40	Per foot $0.13
3 in.	per foot .50	Per foot .15
3½ in.	per foot .65	Per foot .18
4 in.	per foot .65	Per foot .20
5 in.	per foot .85	Per foot .25
6 in.	per foot 1.00	Per foot .30

Write for Discount Sheet

Galvanized Conductor Pipe

Using Plain Round and Round Corrugated Lists

Showing Net Prices per 100 ft. on each size at Various Discounts

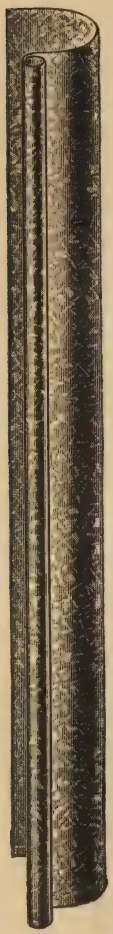
SIZES.	2 in. per 100 ft.	2½ in. per 100 ft.	3 in. per 100 ft.	3½ in. per 100 ft.	4 in. per 100 ft.	5 in. per 100 ft.	6 in. per 100 ft.
LIST.	$13.00	$14.00	$15.00	$18.00	$20.00	$25.00	$30.00
DISCOUNT.							
85 per cent	1.95	2.10	2.25	2.70	3.00	3.75	4.50
80-20-5 per cent	1.98	2.13	2.28	2.74	3.04	3.80	4.56
80-10-10-5 per cent	2.00	2.16	2.31	2.78	3.08	3.85	4.62
80-10-10-2½ per cent	2.06	2.22	2.37	2.85	3.16	3.95	4.74
80-20 per cent	2.08	2.24	2.40	2.88	3.20	4.00	4.80
80-10-10 per cent	2.11	2.27	2.43	2.92	3.24	4.05	4.86
80-10-5-2½ per cent	2.16	2.34	2.50	3.00	3.33	4.16	5.00
80-10-5 per cent	2.22	2.40	2.56	3.08	3.42	4.27	5.13
80-10-2½ per cent	2.27	2.45	2.63	3.16	3.51	4.39	5.26
80-10 per cent	2.34	2.52	2.70	3.24	3.60	4.50	5.40
80-5-2½ per cent	2.41	2.59	2.78	3.33	3.70	4.63	5.56
80-5 per cent	2.47	2.66	2.85	3.42	3.80	4.75	5.70
80-2½ per cent	2.53	2.73	2.92	3.51	3.90	4.87	5.85
80 per cent	2.60	2.80	3.00	3.60	4.00	5.00	6.00
75-10-10 per cent	2.63	2.84	3.03	3.65	4.05	5.06	6.07
75-10-5-2½ per cent	2.70	2.93	3.12	3.76	4.16	5.21	6.25
75-15 per cent	2.76	2.97	3.19	3.82	4.25	5.31	6.38
75-10-5 per cent	2.77	3.00	3.20	3.85	4.27	5.34	6.41
75-12½ per cent	2.84	3.06	3.28	3.94	4.37	5.47	6.56
75-10-2½ per cent	2.85	3.07	3.29	3.96	4.39	5.48	6.58
75-10 per cent	2.92	3.15	3.37	4.05	4.50	5.62	6.75
75-7½ per cent	3.01	3.23	3.47	4.17	4.62	5.78	6.94
75-5-2½ per cent	3.01	3.25	3.47	4.18	4.63	5.79	6.94
75-5 per cent	3.09	3.33	3.56	4.27	4.75	5.94	7.12
75-2½ per cent	3.17	3.41	3.66	4.39	4.87	6.09	7.31
75 per cent	3.25	3.50	3.75	4.50	5.00	6.25	7.50
70-15 per cent	3.31	3.57	3.83	4.59	5.10	6.38	7.65
60-25-15 per cent	3.32	3.57	3.83	4.59	5.10	6.38	7.65
70-12½ per cent	3.41	3.67	3.94	4.73	5.25	6.56	7.87
60-25-12½ per cent	3.41	3.67	3.94	4.73	5.25	6.56	7.87
70-10 per cent	3.51	3.78	4.05	4.86	5.40	6.75	8.10
60-25-10 per cent	3.51	3.78	4.05	4.86	5.40	6.75	8.10
70-7½ per cent	3.61	3.89	4.16	5.00	5.55	6.94	8.32
70-5 per cent	3.70	3.99	4.27	5.13	5.70	7.12	8.55
60-25-5 per cent	3.70	3.99	4.27	5.13	5.70	7.12	8.55
70-2½ per cent	3.80	4.10	4.39	5.27	5.85	7.31	8.77
60-25-2½ per cent	3.80	4.10	4.39	5.27	5.85	7.31	8.77
70 per cent	3.90	4.20	4.50	5.40	6.00	7.50	9.00
60-20-5 per cent	3.95	4.26	4.56	5.48	6.08	7.60	9.12
60-22½ per cent	4.03	4.34	4.65	5.58	6.20	7.75	9.30
60-20-2½ per cent	4.06	4.37	4.68	5.62	6.24	7.80	9.36
60-20 per cent	4.16	4.48	4.80	5.76	6.40	8.00	9.60
60-17½ per cent	4.29	4.62	4.95	5.94	6.60	8.25	9.90
60-15 per cent	4.42	4.76	5.10	6.12	6.80	8.50	10.20
60-12½ per cent	4.55	4.90	5.25	6.30	7.00	8.75	10.50
60-10-2½ per cent	4.56	4.91	5.26	6.32	7.02	8.77	10.53
60-10 per cent	4.68	5.04	5.40	6.48	7.20	9.00	10.80
60-7½ per cent	4.81	5.18	5.55	6.66	7.40	9.25	11.10
60-5 per cent	4.94	5.32	5.70	6.84	7.60	9.50	11.40
60-2½ per cent	5.07	5.46	5.85	7.02	7.80	9.75	11.70
60 per cent	5.20	5.60	6.00	7.20	8.00	10.00	12.00

Lap Joint Guttering

The most perfect and uniform gutter on the market. 10 ft. lengths without a cross seam.

GALVANIZED—No. 28 Gauge

Round Bead
Lap Joint
Fig. 54



Square Bead
Lap Joint
Fig. 55

LAP JOINT

	Per ft.
3½ in.	$0.14
4 in.	.16
4½ in.	.18
5 in.	.19
6 in.	.23
7 in.	.27
8 in.	.30
9 in.	.36
10 in.	.40

Add to above list per foot

Made of 27 Galvanized	4c
Made of 26 Galvanized	6c
Made of 24 Galvanized	12c

DISCOUNT SHEET

Galvanized Lap Joint Gutter

Showing Net Prices per 100 ft. on each size at Various Discounts

SIZE.	3 in. per 100 ft.	3½ in. per 100 ft.	4 in. per 100 ft.	4½ in. per 100 ft.	5 in. per 100 ft.	6 in. per 100 ft.	7 in. per 100 ft.	8 in. per 100 ft.	10 in. per 100 ft.
LIST.	$13.00	$14.00	$16.00	$18.00	$19.00	$23.00	$27.00	$30.00	$37.00
DISCOUNT.									
85-25 per cent	$1.46	$1.58	$1.80	$2.03	$2.14	$2.59	$3.04	$3.38	$4.15
85-20-5	1.48	1.60	1.82	2.05	2.17	2.62	3.08	3.42	4.22
85-10-10-5	1.50	1.62	1.85	2.07	2.19	2.66	3.12	3.47	4.27
85-20-2½	1.52	1.64	1.87	2.11	2.22	2.69	3.16	3.51	4.33
85-10-10-2½	1.54	1.66	1.90	2.13	2.25	2.73	3.20	3.56	4.38
85-20	1.56	1.68	1.92	2.16	2.28	2.76	3.24	3.60	4.44
85-10-10	1.58	1.70	1.94	2.19	2.31	2.79	3.28	3.65	4.50
85-10-7½	1.63	1.75	2.00	2.25	2.37	2.87	3.37	3.75	4.62
85-10-5	1.67	1.80	2.05	2.31	2.44	2.95	3.46	3.85	4.75
85-10	1.75	1.89	2.16	2.43	2.57	3.11	3.65	4.05	5.00
85-7½	1.80	1.94	2.22	2.50	2.64	3.19	3.75	4.16	5.13
80-25-5	1.85	1.99	2.28	2.56	2.71	3.28	3.85	4.27	5.27
85-5	1.85	1.99	2.28	2.56	2.71	3.28	3.85	4.27	5.27
80-10-10-10	1.90	2.04	2.33	2.63	2.77	3.36	3.93	4.37	5.39
80-20-5-2½	1.93	2.08	2.37	2.67	2.82	3.41	4.00	4.45	5.48
80-25	1.95	2.10	2.40	2.70	2.85	3.45	4.05	4.50	5.55
85	1.95	2.10	2.40	2.70	2.85	3.45	4.05	4.50	5.55
80-20-5	1.98	2.13	2.43	2.74	2.89	3.50	4.10	4.56	5.62
80-10-10-5	2.00	2.16	2.46	2.77	2.93	3.56	4.15	4.62	5.69
80-10-10-2½	2.06	2.21	2.53	2.85	3.00	3.64	4.26	4.74	5.84
80-20	2.08	2.24	2.56	2.88	3.04	3.68	4.32	4.80	5.92
80-10-10	2.11	2.27	2.59	2.92	3.08	3.73	4.37	4.86	5.99
80-10-5-2½	2.16	2.33	2.67	3.00	3.17	3.83	4.50	5.00	6.17
80-10-5	2.22	2.39	2.74	3.08	3.25	3.93	4.62	5.13	6.33
80-10-2½	2.27	2.46	2.81	3.16	3.33	4.04	4.74	5.26	6.49
80-10	2.34	2.52	2.88	3.24	3.42	4.14	4.86	5.40	6.66
80-5-2½	2.41	2.59	2.96	3.33	3.52	4.26	5.00	5.56	6.85
80-5	2.47	2.66	3.04	3.42	3.61	4.37	5.13	5.70	7.03
80-2½	2.53	2.73	3.12	3.51	3.70	4.48	5.26	5.85	7.21
80	2.60	2.80	3.20	3.60	3.80	4.60	5.40	6.00	7.40
75-10-10	2.63	2.83	3.24	3.64	3.84	4.65	5.46	6.07	7.49
75-10-5-2½	2.70	2.92	3.33	3.75	3.96	4.79	5.63	6.25	7.70
75-15	2.76	2.98	3.40	3.83	4.04	4.89	5.74	6.38	7.86
75-10-5	2.77	2.99	3.42	3.85	4.06	4.91	5.77	6.41	7.90
75-12½	2.84	3.06	3.50	3.94	4.16	5.03	5.91	6.56	8.09
75-10-2½	2.85	3.07	3.51	3.95	4.16	5.04	5.92	6.58	8.11
75-10	2.92	3.15	3.60	4.05	4.27	5.17	6.07	6.75	8.32
75-7½	3.01	3.24	3.70	4.16	4.39	5.32	6.24	6.94	8.56
75-5-2½	3.01	3.24	3.70	4.16	4.40	5.32	6.25	6.95	8.57
75-5	3.09	3.32	3.80	4.27	4.51	5.46	6.41	7.12	8.79
75-2½	3.17	3.41	3.90	4.39	4.63	5.61	6.58	7.31	9.02
75	3.25	3.50	4.00	4.50	4.75	5.75	6.75	7.50	9.25
70-15	3.31	3.57	4.08	4.59	4.85	5.87	6.89	7.65	9.44
60-25-15	3.32	3.57	4.08	4.59	4.85	5.87	6.89	7.65	9.44
70-12½	3.41	3.67	4.20	4.72	4.99	6.04	7.09	7.87	9.71
60-25-12½	3.41	3.67	4.20	4.72	4.99	6.04	7.09	7.87	9.71
70-10	3.51	3.78	4.32	4.86	5.13	6.21	7.29	8.10	9.99
60-25-10	3.51	3.78	4.32	4.86	5.13	6.21	7.29	8.10	9.99
70-7½	3.61	3.88	4.44	4.99	5.27	6.38	7.49	8.32	10.27
70-5	3.70	3.99	4.56	5.13	5.41	6.55	7.69	8.55	10.54
60-25-5	3.70	3.99	4.56	5.13	5.41	6.55	7.69	8.55	10.54
70-2½	3.80	4.09	4.68	5.26	5.56	6.73	7.90	8.77	10.82
60-25-2½	3.80	4.09	4.68	5.26	5.56	6.73	7.90	8.77	10.82
70	3.90	4.20	4.80	5.40	5.70	6.90	8.10	9.00	11.10
60-20-5	3.95	4.26	4.86	5.47	5.78	6.99	8.21	9.12	11.25
60-22½	4.03	4.34	4.96	5.58	5.89	7.13	8.37	9.30	11.47
60-20-2½	4.06	4.37	4.99	5.62	5.93	7.18	8.42	9.36	11.54
60-20	4.16	4.48	5.12	5.76	6.08	7.36	8.64	9.60	11.84
60-17½	4.29	4.62	5.28	5.94	6.27	7.59	8.91	9.90	12.21
60-15	4.42	4.76	5.44	6.12	6.46	7.82	9.18	10.20	12.58
60-12½	4.55	4.90	5.60	6.30	6.65	8.05	9.45	10.50	12.95
60-10-2½	4.56	4.91	5.62	6.32	6.67	8.07	9.48	10.53	12.99
60-10	4.68	5.04	5.76	6.48	6.84	8.28	9.72	10.80	13.32
60-7½	4.81	5.18	5.92	6.66	7.03	8.51	9.99	11.10	13.69
60-5	4.94	5.32	6.08	6.84	7.22	8.74	10.36	11.40	14.06
60-2½	5.07	5.46	6.24	7.02	7.41	8.97	10.53	11.70	14.42
60	5.20	5.60	6.40	7.20	7.60	9.20	10.80	12.00	14.80

Slip Joint Guttering

The most perfect and uniform gutter on the market.

Made in 10 ft. lengths without a cross seam.

GALVANIZED—No. 28 Gauge

Slip Joint
Fig. 56

SLIP JOINT

	Per Foot
3½ in.	$0.15
4 in.	.17
4½ in.	.19
5 in.	.20
6 in.	.24
7 in.	.28
8 in.	.31
9 in.	.37
10 in.	.41

Packed 250 ft. in a case

Always state if Trough is wanted right or left, otherwise half each will be sent.

Add to above list per foot

	Per ft.
Made of 27 Galvanized	4c
Made of 26 Galvanized	6c
Made of 24 Galvanized	12c

DISCOUNT SHEET

Galvanized Slip Joint Gutter

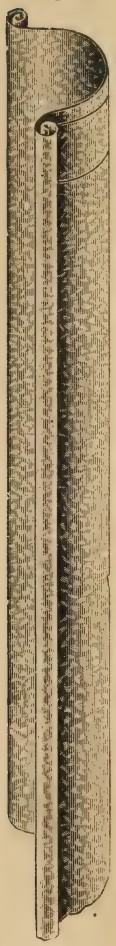
Showing Net Prices per 100 ft. on each size at Various Discounts

SIZE.	3 in. per 100 ft.	3½ in. per 100 ft.	4 in. per 100 ft.	4½ in. per 100 ft.	5 in. per 100 ft.	6 in. per 100 ft.	7 in. per 100 ft.	8 in. per 100 ft.	10 in. per 100 ft.
LIST.	$14.00	$15.00	$17.00	$19.00	$20.00	$24.00	$28.00	$31.00	$38.00
DISCOUNT.									
85-25 per cent	$1.58	$1.69	$1.91	$2.14	$2.25	$2.70	$3.15	$3.49	$4.28
85-20-5	1.60	1.71	1.94	2.17	2.28	2.74	3.19	3.53	4.33
85-10-10-5	1.62	1.73	1.96	2.20	2.31	2.77	3.23	3.58	4.39
85-20-2½	1.64	1.76	1.99	2.22	2.34	2.81	3.28	3.63	4.45
85-10-10-2½	1.66	1.78	2.01	2.25	2.37	2.84	3.32	3.67	4.50
85-20	1.68	1.80	2.04	2.28	2.40	2.88	3.36	3.72	4.56
85-10-10	1.70	1.82	2.07	2.31	2.43	2.92	3.40	3.77	4.62
85-10-7½	1.75	1.87	2.12	2.37	2.50	3.00	3.50	3.87	4.75
85-10.5	1.80	1.92	2.18	2.44	2.57	3.08	3.59	3.98	4.87
85-10	1.89	2.03	2.30	2.57	2.70	3.24	3.78	4.19	5.13
85-7½	1.94	2.08	2.36	2.64	2.78	3.33	3.89	4.30	5.27
80-25-5	1.99	2.14	2.42	2.71	2.85	3.42	3.99	4.42	5.41
85-5	1.99	2.14	2.42	2.71	2.85	3.42	3.99	4.42	5.41
80-10-10-10	2.04	2.19	2.47	2.77	2.92	3.50	4.09	4.52	5.54
80-20-5-2½	2.08	2.22	2.52	2.82	2.96	3.56	4.15	4.59	5.64
80-25	2.10	2.25	2.55	2.85	3.00	3.60	4.20	4.65	5.70
85	2.10	2.25	2.55	2.85	3.00	3.60	4.20	4.65	5.70
80-20-5	2.13	2.28	2.58	2.89	3.04	3.65	4.26	4.71	5.78
80-10-10-5	2.16	2.31	2.61	2.93	3.08	3.70	4.31	4.77	5.85
80-10-10-2½	2.21	2.37	2.68	3.00	3.16	3.79	4.43	4.89	6.01
80-20	2.24	2.40	2.72	3.04	3.20	3.84	4.48	4.96	6.08
80-10-10	2.27	2.43	2.75	3.08	3.24	3.89	4.54	5.02	6.16
80-10-5-2½	2.33	2.50	2.84	3.17	3.33	4.00	4.67	5.17	6.34
80-10-5	2.39	2.56	2.91	3.25	3.42	4.10	4.79	5.30	6.50
80-10-2½	2.46	2.63	2.98	3.33	3.51	4.21	4.91	5.44	6.67
80-10	2.52	2.70	3.06	3.42	3.60	4.32	5.04	5.58	6.84
80-5-2½	2.59	2.78	3.15	3.52	3.70	4.45	5.19	5.74	7.04
80-5	2.66	2.85	3.23	3.61	3.80	4.56	5.32	5.89	7.22
80-2½	2.73	2.92	3.31	3.70	3.90	4.68	5.46	6.04	7.41
80	2.80	3.00	3.40	3.80	4.00	4.80	5.60	6.20	7.60
75-10-10	2.83	3.03	3.44	3.84	4.05	4.86	5.67	6.27	7.69
75-10-5-2½	2.92	3.12	3.54	3.96	4.16	5.00	5.83	6.45	7.92
75-15	2.98	3.19	3.61	4.04	4.25	5.10	5.96	6.59	8.08
75-10-5	2.99	3.20	3.63	4.06	4.27	5.13	5.98	6.62	8.12
75-12½	3.06	3.28	3.72	4.16	4.37	5.25	6.12	6.78	8.31
75-10-2½	3.07	3.29	3.72	4.16	4.39	5.26	6.14	6.80	8.34
75-10	3.15	3.37	3.82	4.27	4.50	5.40	6.30	6.97	8.55
75-7½	3.24	3.47	3.93	4.39	4.62	5.55	6.47	7.17	8.79
75-5-2½	3.24	3.47	3.94	4.40	4.63	5.56	6.48	7.18	8.79
75-5	3.32	3.56	4.04	4.51	4.75	5.70	6.65	7.36	9.02
75-2½	3.41	3.66	4.14	4.63	4.87	5.85	6.82	7.56	9.26
75	3.50	3.75	4.25	4.75	5.00	6.00	7.00	7.75	9.50
70-15	3.57	3.83	4.34	4.85	5.10	6.12	7.14	7.91	9.69
60-25-15	3.57	3.83	4.34	4.85	5.10	6.12	7.14	7.91	9.69
70-12½	3.67	3.94	4.46	4.99	5.25	6.30	7.35	8.14	9.97
60-25-12½	3.67	3.94	4.46	4.99	5.25	6.30	7.35	8.14	9.97
70-10	3.78	4.05	4.59	5.13	5.40	6.48	7.56	8.37	10.26
60-25-10	3.78	4.05	4.59	5.13	5.40	6.48	7.56	8.37	10.26
70-7½	3.88	4.16	4.72	5.27	5.55	6.66	7.77	8.60	10.54
70-5	3.99	4.27	4.84	5.41	5.70	6.84	7.98	8.83	10.83
60-25-5	3.99	4.27	4.84	5.41	5.70	6.84	7.98	8.83	10.83
70-2½	4.09	4.39	4.97	5.56	5.85	7.02	8.19	9.07	11.11
60-25-2½	4.09	4.39	4.97	5.56	5.85	7.02	8.19	9.07	11.11
70	4.20	4.50	5.10	5.70	6.00	7.20	8.40	9.30	11.40
60-20-5	4.26	4.56	5.17	5.78	6.08	7.30	8.51	9.42	11.55
60-22½	4.34	4.65	6.27	5.89	6.20	7.44	8.68	9.61	11.78
60-20-2½	4.37	4.68	5.30	5.93	6.24	7.49	8.74	9.67	11.86
60-20	4.48	4.80	5.44	6.08	6.40	7.68	8.96	9.92	12.16
60-17½	4.62	4.95	5.61	6.27	6.60	7.92	9.24	10.23	12.54
60-15	4.76	5.10	5.78	6.46	6.80	8.16	9.52	10.54	12.92
60-12½	4.90	5.25	5.95	6.65	7.00	8.40	9.80	10.85	13.30
60-10-2½	4.91	5.26	5.97	6.67	7.02	8.42	9.83	10.88	13.34
60-10	5.04	5.40	6.12	6.84	7.20	8.64	10.08	11.16	13.68
60-7½	5.18	5.55	6.29	7.03	7.40	8.88	10.36	11.47	14.06
60-5	5.32	5.70	6.46	7.22	7.60	9.12	10.64	11.78	14.44
60-2½	5.46	5.85	6.63	7.41	7.80	9.36	10.92	12.09	14.82
60	5.60	6.00	6.80	7.60	8.00	9.60	11.20	12.40	15.20

Double Bead Guttering

The most perfect and uniform gutter on the market. Made in 10 ft. lengths without a cross seam.

Slip Joint, Double Bead Fig. 57



GALVANIZED—No. 28 Gauge

10 ft. Long. Lap Joint

	Per Foot
3½ in. Galvanized	$0.17
4 in. Galvanized	.19
5 in. Galvanized	.22
6 in. Galvanized	.26
7 in. Galvanized	.30
8 in. Galvanized	.33

GALVANIZED—No. 28 Gauge

10 ft. Long. Slip Joint

	Per Foot
3½ in. Galvanized	$0.18
4 in. Galvanized	.20
5 in. Galvanized	.23
6 in. Galvanized	.27
7 in. Galvanized	.31
8 in. Galvanized	.34

Add to above list per foot

Made of 27 Galvanized	4c
Made of 26 Galvanized	6c
Made of 24 Galvanized	12c

Cornice and Roof Gutter

EIGHT FOOT LENGTHS NO. 28 GALVANIZED STEEL

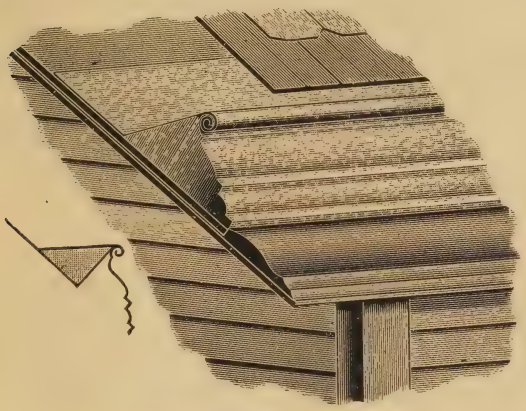


Fig. 89

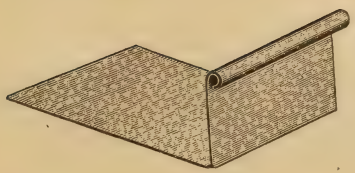


Fig. 89A
GUTTER ONLY

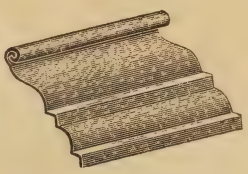


Fig. 89B
MOULD

EXPLANATION OF SIZES

Total Girt of Both Pieces	Depth of Gutter	Gutter Apron	Girt of Gutter Only	Girt of Mould	Price Per Foot
20 in.	3½ in.	7¾ in.	13¼ in.	6¾ in.	$0.50
24 in.	4 in.	10¾ in.	16½ in.	7½ in.	.60
28 in.	4½ in.	13¾ in.	19½ in.	8½ in.	.70
30 in.	5 in.	13¼ in.	20 in.	10 in.	.75

Add to Above List per foot

Made of 27 Galvanized ..... 4c ft.
Made of 26 Galvanized ..... 6c ft.
Made of 24 Galvanized ..... 12c ft.

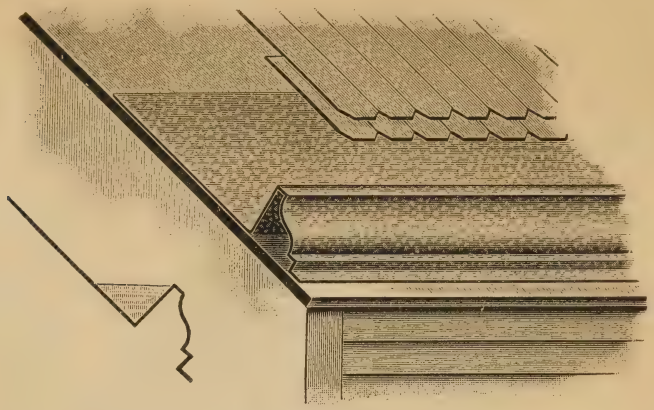


Fig. 89D

EXPLANATION OF SIZES

Total Girt of Both Pieces	Depth of Gutter	Gutter Apron	Girt of Gutter Only	Girt of Mould	Price Per Foot
18 in.	3 in.	9½ in.	12½ in.	5½ in.	$0.45
20 in.	4 in.	9¾ in.	14¾ in.	6½ in.	.50
24 in.	4½ in.	12¼ in.	16¾ in.	7 in.	.60
26 in.	5 in.	13¼ in.	18 in.	8 in.	.65

Add to above list per foot

Made of No. 27 Galvanized	4c
Made of No. 26 Galvanized	6c
Made of No. 24 Galvanized	12c

This Gutter made all in one piece

O. G. BOX AND ROOF GUTTERS—Galvanized Steel

	STYLES "A," "B," "C," "D," "E," "F," "G," AND "H"											
GIRTH, INCHES	10	12	14	15	16	18	20	22	24	26	28	30
STANDARD G	.25	.30	.35	.37	.40	.45	.50	.55	.60	.65	.70	.75
27 G	.29	.34	.39	.41	.48	.53	.58	.63	.68	.73	.78	.83
26 G	.31	.36	.41	.43	.52	.57	.62	.67	.72	.77	.82	.87
24 G	.49	.54	.59	.61	.64	.69	.74	.79	.84	.89	.94	.99
	STYLE "J"											
GIRTH, INCHES	10	12	14	15	16	18	20	22	24	26	28	30
STANDARD G	.30	.36	.42	.45	.48	.54	.60	.66	.72	.78	.84	.90
27 G	.34	.40	.46	.49	.56	.62	.68	.74	.80	.86	.92	.98
26 G	.36	.42	.48	.51	.60	.66	.72	.78	.84	.90	.96	1.02
24 G	.54	.60	.66	.69	.72	.78	.84	.90	.96	1.02	1.08	1.14

Intermediate Girths take list of next higher Girth. Wider than 30" add proportionately to list.

Roof Gutter

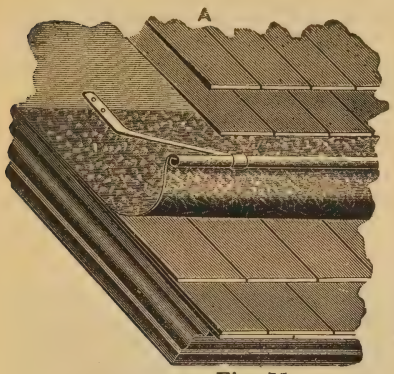


Fig. 75

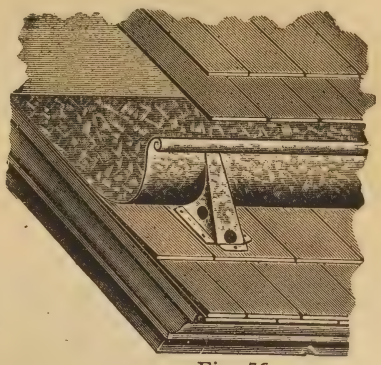


Fig. 76

PRICE LIST

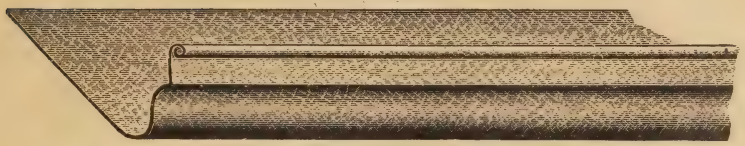


Fig. 67

Galvanized

Cut of 14 in. sheet, ½ or ⅝ bead, per ft.....$0.37
Cut of 20 in. sheet, ½ or ⅝ bead, per ft..... .52
Cut of 24 in. sheet, ½ or ⅝ bead, per ft..... .62

STYLE A

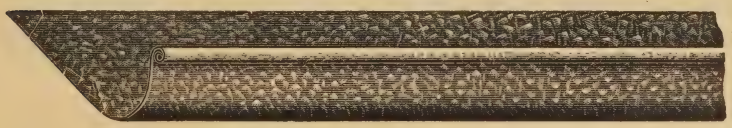


Fig. 77

Galvanized

Cut of 14 in. sheet, ½ or ⅝ bead, per ft.....$0.35
Cut of 20 in. sheet, ½ or ⅝ bead, per ft..... .50
Cut of 24 in. sheet, ½ or ⅝ bead, per ft..... .60

STYLE B

Fig. 78

Galvanized.

Cut of 15 in. sheet, ½ or ⅝ bead, per ft.....$0.35
Cut of 20 in. sheet, ½ or ⅝ bead, per ft..... .50
Cut of 24 in. sheet, ½ or ⅝ bead, per ft..... .60

Discount.....Per Cent

Hangers for above Trough, figure 75..... 3c each
Hangers for above Trough, figure 76.....20c each

Quarter Circle O. G. and Box Gutters

MADE IN LONG LENGTHS OF GALVANIZED STEEL

Backs of Troughs 1 in. Higher Than Front

For high backs ADD ONE CENT per foot to List Prices for each additional inch added to back.

PRICE LIST

Style C

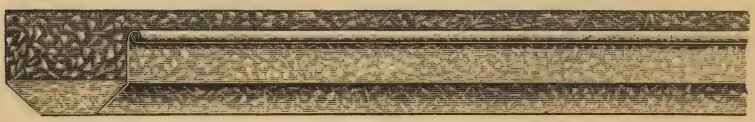


Fig. 79

Size	Depth	Girt	Galvanized Per Foot
5 in.	3½ in.	12 in.	$0.30
6 in.	4½ in.	14 in.	.35
7 in.	4¾ in.	16 in.	.40

Style D

Fig. 80

Size	Depth	Girt	Galvanized Per Foot
6 in.	4 in.	15 in.	$0.37
7 in.	5 in.	18 in.	.45
8 in.	5¾ in.	20 in.	.50

Style E

Fig. 81

Size	Depth	Girt	Galvanized Per Foot
6 in.	4½ in.	15 in.	.37
7 in.	5½ in.	18 in.	.45
8 in.	7 in.	22 in.	.55

Discount .... Per Cent

Can also furnish in Square Bead

Style F

Fig. 82

Size	Depth	Girt	Galvanized Per Foot
6 in.	5½ in.	18 in.	$0.45
7 in.	6 in.	20 in.	.50
8 in.	7 in.	22 in.	.55

Style G

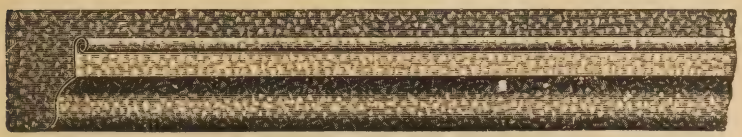


Fig. 83

Size	Depth	Girt	Galvanized Per Foot
3¼ in.	3 in.	10 in.	$0.25
4¼ in.	3½ in.	12 in.	.30
5 in.	4 in.	15 in.	.37
6 in.	5½ in.	18 in.	.45
7 in.	6½ in.	20 in.	.50
8 in.	7 in.	22 in.	.55

Can furnish any Gutter on this page in Square Bead

Style H

Fig. 84

Size	Depth	Girt	Galvanized Per Foot
6 in.	4 in.	14 in.	$0.35
7 in.	4¾ in.	16 in.	.40
8 in.	5½ in.	18 in.	.45

Style J

Fig. 85

Size	Depth	Girt	Galvanized Per Foot
6 in.	5¾ in.	18 in.	$0.54
7 in.	6½ in.	20 in.	.60
8 in.	8 in.	24 in.	.72

Discount ....

Fig. 86

Size	Depth	Girt	Galvanized Per Foot
6 in.	5½ in.	20 in.	$0.50
7 in.	6½ in.	22 in.	.55
8 in.	7 in.	24 in.	.60

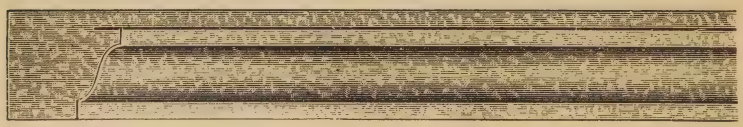


Fig. 88

Size	Depth	Girt	Galvanized Per Foot
3½ in.	2¾ in.	10 in.	$0.25
4 in.	3½ in.	12 in.	.30
5 in.	4¾ in.	15 in.	.37
6 in.	5 in.	18 in.	.45
7 in.	6½ in.	20 in.	.50
8 in.	7 in.	22 in.	.55
9 in.	7½ in.	24 in.	.60

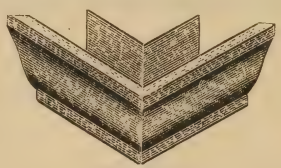


Fig. 88A
OUTSIDE MITRE

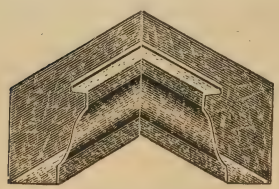


Fig. 88B
INSIDE MITRE

Note.—Can furnish Mitres for any style Gutter

Mitres

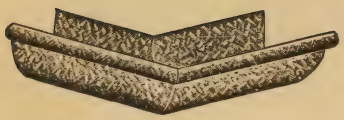


Fig. 60
Outside Corner Mitre

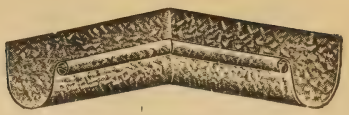


Fig. 61
Inside Corner Mitre

These Mitres are made complete, ready for use, for both inside and outside bead, either slip or lap joint. 2-Pieced Mitres.

PRICE LIST

No. 28 Gauge, Galvanized Steel Lap Joint		I X Terne Plate Tin Lap Joint	
3 inch ..... per doz.	$ 2.25	3 inch ..... per doz.	$ 1.75
3½ inch ..... per doz.	2.50	3½ inch ..... per doz.	2.00
4 inch ..... per doz.	2.75	4 inch ..... per doz.	2.25
4½ inch ..... per doz.	2.90	4½ inch ..... per doz.	2.75
5 inch ..... per doz.	3.00	5 inch ..... per doz.	2.75
6 inch ..... per doz.	3.50	6 inch ..... per doz.	3.00
7 inch ..... per doz.	4.25	7 inch ..... per doz.	3.75
8 inch ..... per doz.	5.00	8 inch ..... per doz.	4.25
Slip Joint.		**Slip Joint**	
3 inch ..... per doz.	$ 2.75	3 inch ..... per doz.	$ 2.25
3½ inch ..... per doz.	3.00	3½ inch ..... per doz.	2.50
4 inch ..... per doz.	3.25	4 inch ..... per doz.	2.75
4½ inch ..... per doz.	3.40	4½ inch ..... per doz.	3.25
5 inch ..... per doz.	3.50	5 inch ..... per doz.	3.25
6 inch ..... per doz.	4.00	6 inch ..... per doz.	3.50
7 inch ..... per doz.	4.75	7 inch ..... per doz.	4.25
8 inch ..... per doz.	5.50	8 inch ..... per doz.	5.00

Mitres for Double Bead Trough, add **50c** per dozen to above list

ONE PIECE MITRE

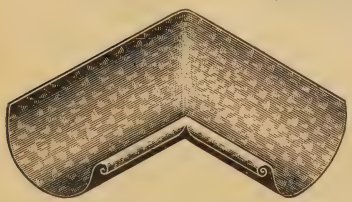


Fig. 60A
One-Piece Mitre

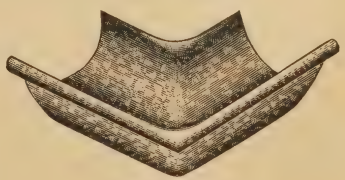


Fig. 61A
One-Piece Mitre

These mitres made either inside or outside single bead or double bead or lap or slip joint

CLOSED END, WITH OUTLET

Made in 12 in. lengths

Fig. 63

LEFT HAND

Fig. 63A

RIGHT HAND

PRICE LIST

When ordering always state size of trough and size of outlet, and whether right hand or left hand.

3½ in., made with 2 in. outlet	per dozen	$2.80
4 in., made with 2 in. outlet	per dozen	3.10
5 in., made with 3 in. outlet	per dozen	3.45
6 in., made with 4 in. outlet	per dozen	4.15
7 in., made with 5 in. outlet	per dozen	4.70
8 in., made with 6 in. outlet	per dozen	5.25

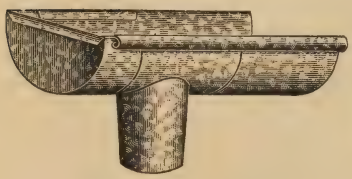


Fig. 63D

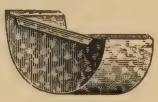


Fig. 64

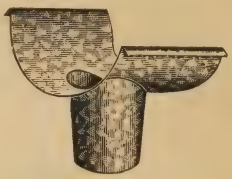


Fig. 63B

PRICE LIST

This figure shows Fig. 63B and Fig 64 in use in closing the end of a piece of gutter.

Size Gutter	Per Doz.
3½ in.	$0.95
4 in.	1.10
4½ in.	1.20
5 in.	1.20
6 in.	1.45
7 in.	1.70
8 in.	2.10

Size Gutter	Size Outlet	Per Dozen
3½ in.	2 in.	$2.00
4 in.	2 in.	2.00
4½ in.	3 in.	2.50
5 in.	3 in.	2.50
6 in.	4 in.	2.70
7 in.	5 in.	3.00
8 in.	6 in.	3.50

SLIP JOINT END PIECES

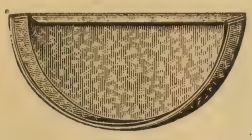


Fig. 64

SLIP JOINT CONNECTIONS

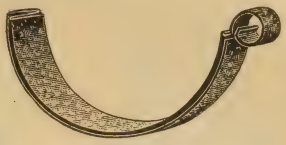


Fig. 65

Price per dozen

Size	Tin	Galv.
3½ in	$0.90	$0.95
4 in	1.00	1.10
4½ in	1.15	1.20
5 in	1.15	1.20
6 in	1.25	1.45
7 in	1.50	1.70
8 in	2.00	2.10

Size	Tin	Galv.
3½ in	$0.80	$0.90
4 in	0.90	1.00
4½ in	1.00	1.15
5 in	1.00	1.15
6 in	1.15	1.25
7 in	1.25	1.50
8 in	1.75	2.00

For Double Bead Gutter add 50c per dozen to above list

OUTLET

Price per dozen

	Galv'd
2 in	$0.60
2½ in	.65
3 in	.75
3½ in	.80

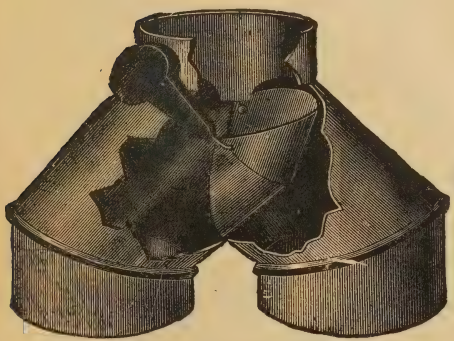
Discount.....per cent.

Fig. 62

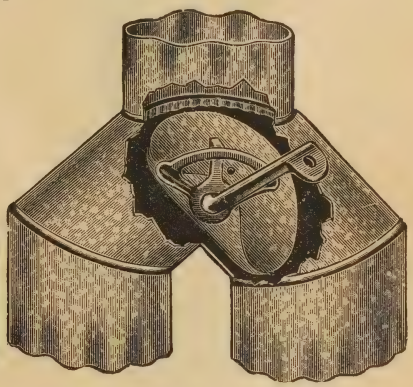
Price per dozen

	Galv'd
4 in	$0.85
5 in	.95
6 in	1.20

Discount.....per cent.



Style B, Fig. 69 Plain Round



Style A, Fig. 69. Corrugated

Rainwater Cut-Offs

The Only Cut-Off Made to Fit Both Corrugated and Plain Pipe

PRICE LIST

Galvanized. Style A and B.	
2 in., per dozen	$ 7.00
3 in., per dozen	8.00
4 in., per dozen	11.00
5 in., per dozen	20.00
6 in., per dozen	24.00

Discount { Style A.....per cent. / Style B.....per cent.

Tin. Style B.	
2 in., per dozen	$ 5.00
3 in., per dozen	6.00
4 in., per dozen	9.00
5 in., per dozen	14.00
6 in., per dozen	20.00

Discount.....per cent.

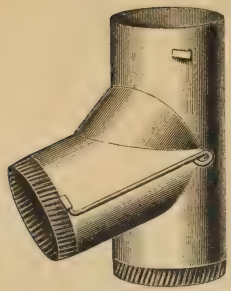
Each size up to 5 in. packed in crates of one dozen. Crates of 5 and 6 in. contain one-half dozen each. No charge for crates.

Try a Sample Order and You Will Never Use Any Others

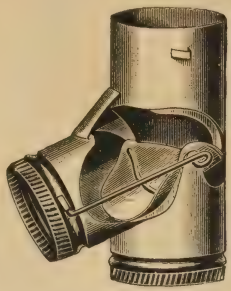
The "Centennial" Rainwater Cut-Off

For Plain and Corrugated Conductor

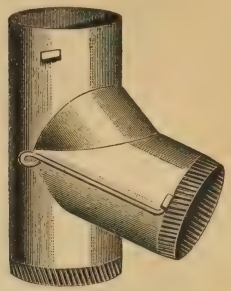
Can be used without extra Pipe or Elbows



Right-Hand Wire
Fig. 485



Sectional View



Left-Hand Wire
Fig. 486

2-in. Tin, per doz	**$ 5.00**	2-in. Galv. Iron, per doz.	**$ 8.00**
3-in. Tin, per doz	**6.00**	3-in. Galv. Iron, per doz.	**10.00**
4-in. Tin, per doz	**9.00**	4-in. Galv. Iron, per doz.	**14.00**
5-in. Tin, per doz	**14.00**	5-in. Galv. Iron, per doz.	**18.00**
6-in. Tin, per doz	**20.00**	6-in. Galv. Iron, per doz.	**22.00**

Note—Unless otherwise ordered, we send ¾ Right Hand and ¼ Left Hand

Fig. 487

Young's Combination Strainer and Cut-Off

For Corrugated or Plain Conductor Pipe

A Strainer that is self-cleaning—having raised or ribbed corrugations that prevent clogging.

A Cut-Off that is simple—positive—strong, and in plain view. No clamps or levers to break off.

3-in. Galv. Iron, per doz....$ 9.80
4-in. Galv. Iron, per doz.... 11.20

Bishop's Quick Working Forms

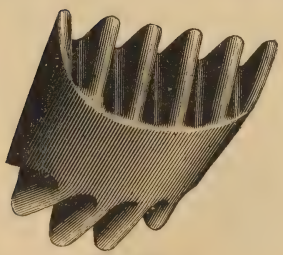


Fig. 488
The Tool

INSTRUCTION.—Cut end of trough on about a half circle, cutting bead a little short with a hack saw. The pattern will readily be gotten by the eye after one or two trials. Place sloping end of form in gutter about even with end. Start iron into grooves; then reverse form and set up the iron into grooves on right angle end with a dull pean hammer. Don't give up on the first trial, as there is a little knack in doing the work neatly. Start all the grooves a little before setting them down, commencing with outside ones. Clamp the form in place on first trial—you will not need the clamp after a few trials for closing end of Eave Trough in corrugations, as shown herewith.

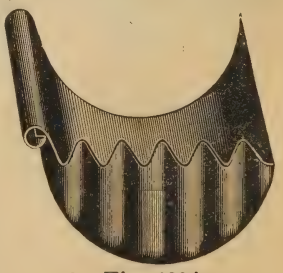


Fig. 488A
The Work

You can close an end much quicker, neater and cheaper than in any other way. When you cut a trough, you can put an end on both parts, thus making no waste. The frost will not burst the end out. You can close old work from a ladder.

PRICE, $1.00 PER PAIR.

Conductor Heads

Fig. 225
$3.00 each

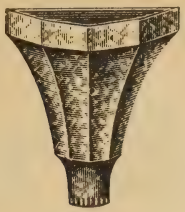


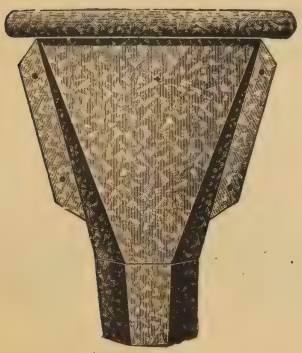
Fig. 226
$2.50 each

Fig. 227
$2.50 each

Fig. 228
$0.80 each

Fig. 229
$3.00 each

Fig. 230
$4.00 each



A
Fig. 73

B
Fig. 74

Style A or B.....$2.00 each

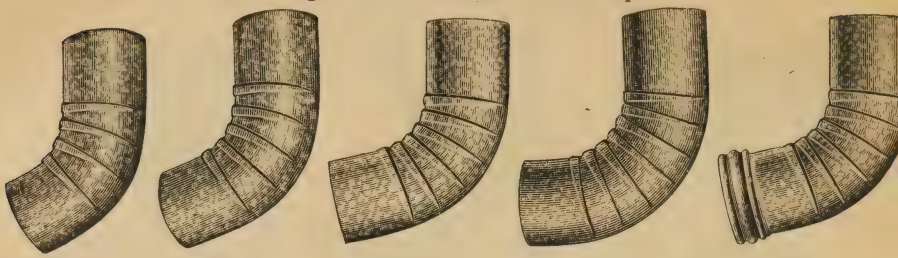
When ordering always state size of Conductor Pipe

We can furnish any other style of Conductor Heads, Plain or Ornamental as desired; also Funnels

Crating Extra at Cost

Elbows and Shoes

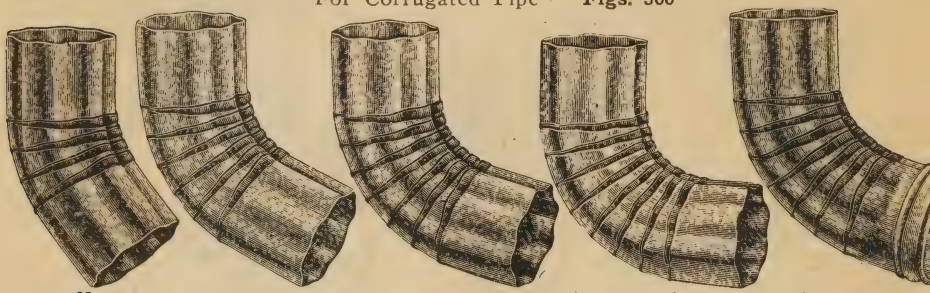
Figs. 299. For Plain Round Pipe



No. 1 Angle 45 | No. 2 60 | No. 3 75 | No. 4 90 Degrees | Shoe

Galvanized Elbows and Shoes

For Corrugated Pipe Figs. 300



No. 1 Angle 45 | No. 2 60 | No. 3 75 | No. 4 90 Degrees | Shoe

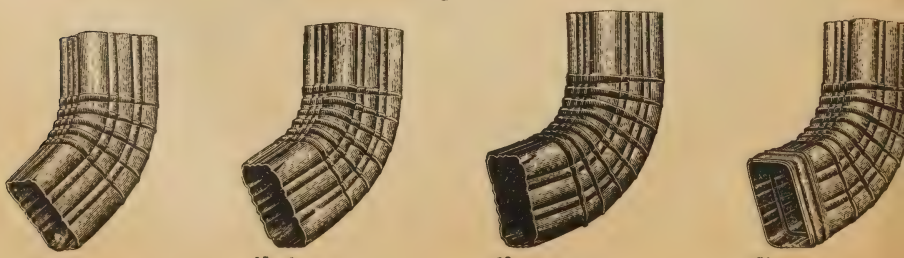
Galvanized Corrugated Square Elbows and Shoes—Style A

Figs. 202

No. 1 | No. 2 | No. 3 | Shoe

Galvanized Corrugated Square Elbows and Shoes—Style B

Figs. 303



No. 1 | No. 2 | No. 3 | Shoe

List Price—Elbows and Shoes

Galvanized and Tin
Plain, Round or Corrugated.

Copper Elbow and Shoes
Plain, Round or Corrugated.

Figs 299-300

	Elbows	Shoes		Elbows	Shoes
2 in.	each $0.25	Each $0.30	2 in.	each $0.70	Each $0.75
3 in.	each .30	Each .36	3 in.	each .90	Each 1.00
3½ in.	each .40	Each .48	3½ in.	each 1.35	Each 1.50
4 in.	each .40	Each .48	4 in.	each 1.35	Each 1.50
5 in.	each .60	Each .72	5 in.	each 2.00	Each 2.25
6 in.	each .72	Each .86	6 in.	each 2.85	Each 3.15

SQUARE, GALVANIZED OR TIN

Fig. 302 or 303

	Elbows		Shoes
2 in.	each $0.40	Each	$0.48
3 in.	each .45	Each	.54
4 in.	each .60	Each	.72
5 in.	each .90	Each	1.08

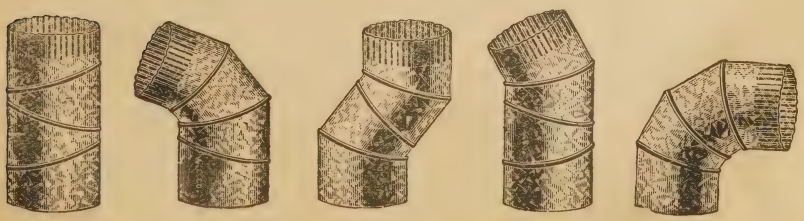
PLAIN ROUND ADJUSTABLE ELBOWS

Fig. 301

BRIGHT TIN		GALVANIZED	
2	per dozen $1.30	Per dozen	$1.60
3	per dozen 1.80	Per dozen	2.40
4	per dozen 2.25	Per dozen	3.00
5	per dozen 3.00	Per dozen	3.60
6	per dozen 5.00	Per dozen	5.40

ADJUSTABLE ELBOWS—TIN OR GALVANIZED STEEL

Fig. 301



Eave Trough Hangers

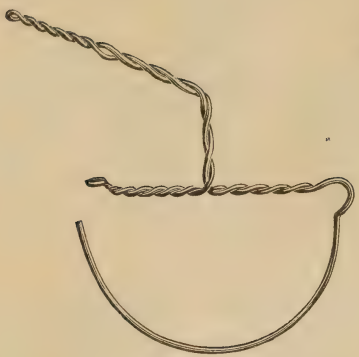


Fig. 217

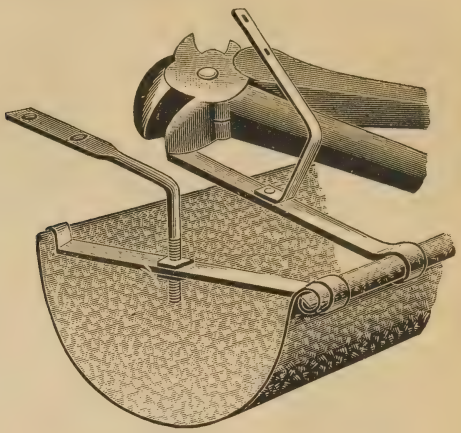


Fig. 218

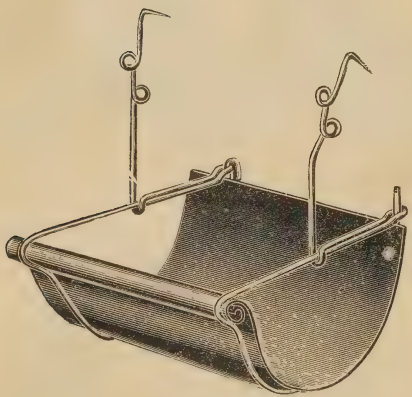


Fig. 215

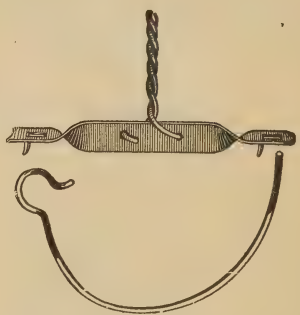


Fig. 216

SHANK AND CIRCLE

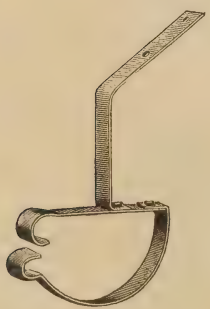


Fig. 483

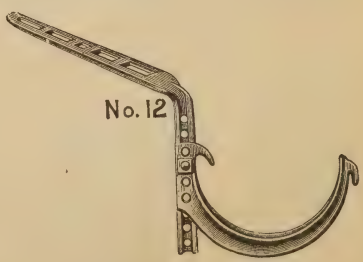


Fig. 220 Shank No. 12

Steel Eave Trough Hangers

PRICE LIST PER GROSS
Fig. 218

	With Straps Riveted on Cross Bars Complete	With Rods and Nuts Complete
3 in.	$3.50	$3.75
3½ in.	3.50	4.00
4 in.	3.75	4.25
4½ in.	3.85	4.35
5 in.	4.00	4.50
6 in.		5.00
7 in.		6.00
8 in.		8.00

Steel Hangers always sent with Rods and Nuts unless otherwise ordered

Tongs to Apply Hangers, each 40c

WIRE EAVE TROUGH HANGERS

PRICE LIST Fig. 217

Sizes taken inside of bead

	Per Gross
For 3 in. Trough	$2.75
For 3½ in. Trough	2.75
For 4 in. Trough	2.75
For 4½ in. Trough	3.00
For 5 in. Trough	3.00
For 6 in. Trough	3.50
For 7 in. Trough	4.00
For 8 in. Trough	4.50

For Double Bead Gutter, 50c gross more.

BELL'S ADJUSTABLE HANGERS

PRICE LIST Fig. 215

No.	Per Gross
0 —3½ in. Trough	$2.50
1½—4 in. Trough	3.25
2¼—4½ in. Trough	3.50
2½—5 in. Trough	3.75
3½—6 in. Trough	4.50
4½—7 in. Trough	5.00

Width taken inside bead

Made of one piece of wire and adjustable as to circle of trough. Made to fit standard sizes manufactured trough

Peoria Hangers

Packed one gross in a box

PRICE LIST
Fig. 216

3½ in.	per gross	$5.00
4 in.	per gross	5.00
5 in.	per gross	6.00
6 in.	per gross	6.50
7 in.	per gross	7.00
8 in.	per gross	7.50

Note—Hangers, for Double Bead Gutter, add 50c per gross, for above styles.

BAKER HANGERS

Fig. 483

3½ in., per gross	$2.80
4 in., per gross	2.90
4½ in., per gross	3.00
5 in., per gross	3.10
6 in., per gross	4.10
7 in., per gross	4.25
8 in., per gross	4.40
Discount	
Pinchers, per pair	25c

BERGER IRONS

Fig. 220

	Plain Black Per 100	Galv'd. Per 100
No. 12 Shank	$3.50	$4.40
Gutter Circles, 4 in.	2.00	2.50
Gutter Circles, 5 in.	3.00	3.75
Gutter Circles, 6 in.	4.00	5.00
Gutter Circles, 7 in.	5.00	6.25
Gutter Circles, 8 in.	5.00	6.25

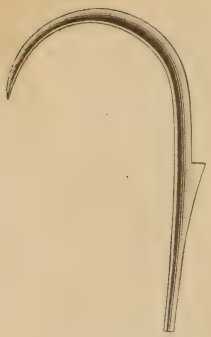


Fig. 70

Sickle Hooks
Brick or Wood

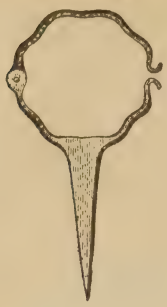


Fig. 304

Corrugated
Hinged Hooks

Fig. 305

Round
Hinged Hooks

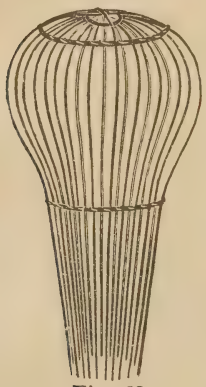


Fig. 68

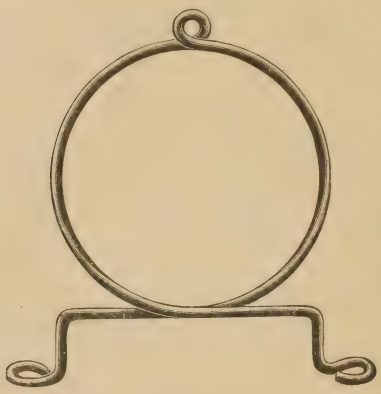


Fig. 302

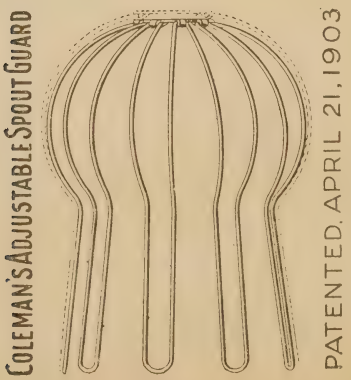


Fig. 3155

Conductor and Flashing Hooks

Price per 100, Net

Size	Fig. 70 Sickle Hooks Tinned, per 100. For Brick	Fig. 70 Sickle Hooks Tinned, per 100. For Wood	Fig. 304 Corrugated Hinged Hooks Tinned, per 100. For Brick	Fig. 304 Corrugated Hinged Hooks Tinned, per 100. For Wood	Fig. 305 Round Hinged Hooks Tinned, per 100 For Brick	Fig. 305 Round Hinged Hooks Tinned, per 100 For Wood
2 in.	$ 1.75	$ 1.50	$ 3.50	$ 3.00	$ 3.50	$ 3.00
2½ in.	2.00	2.00				
3 in.	2.75	2.50	4.50	4.00	4.50	4.00
3½ in.	3.50	3.00				
4 in.	4.25	3.50	5.50	5.00	5.50	5.00
5 in.	6.00	5.00	7.50	6.00	7.50	7.50
6 in.	7.50	6.00	8.50	7.00	8.50	8.50
7 in.	9.00					
8 in.	10.00					

Fig. 78

Conductor Strainers

Size	2 in.	3 in.	4 in.	5 in.	6 in.
Per dozen	$1.50	$2.00	$3.00	$5.00	$6.00

Fig. 487

Coleman's Adjustable Strainer

No. 1 Galvanized, will fit 2 to 4 in. pipe
No. 2 Galvanized, will fit 5 to 6 in. pipe
No. 3 Copper, will fit 2 to 4 in. pipe
No. 4 Copper, will fit 5 to 6 in. pipe

Fig. 302

Iwan Pipe Hangers

Size	2 in.	2½ in.	3 in.	4 in.	5 in.	6 in.
Size Wire No.	12	12	11	10	9	8
Price per 100	$2.00	$2.25	$2.50	$3.00	$3.50	$4.00

Made of Galvanized Wire

Discount .....

Souther's American Tin Roofing

Prepared Ready to Lay

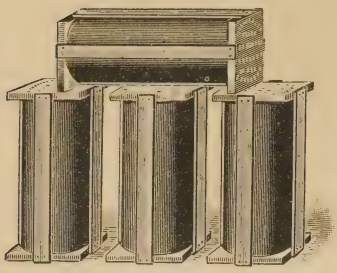


Fig. 492

Double Seam Cross Lock

We carry in stock, for the convenience of Tinners, our Souther's Brand of Continuous Tin Roofing, made of full weight American Tin Plate, in both IC and IX. These are strictly Palm Oil Plates; the sheets are very carefully and accurately sheared and squared, so that the rolls or strips after being put together are perfectly true and straight. We make this Roofing with our Patent Double Seam Cross Lock, as shown in cut; this makes a perfect water tight lock, without any solder being used, at the same time allowing the roof to expand during hot weather, which sometimes breaks the seams where solder is used. This Roofing is preferred especially in the South for this reason. We can, however, also furnish this Roofing with ordinary single seam and soldered, and in this case the soldering is done in our own factory, by careful and experienced workmen, and in this process we use only rosin for flux.

14 in. roll	86 lineal ft.
20 in. roll	60 lineal ft.
28 in. roll	43 lineal ft.

The rolls contain 100 sq. ft. of material.

Double Lock Roofing, painted on both sides.
Single Lock, Soldered, painted on one side.

Note—We also make a specialty of furnishing above Roofing in our heavier grades of Box Tin, as shown on page 152.

Flat Seam Tin Roofing

For Flat Roofs. Sheets to be Soldered as Applied

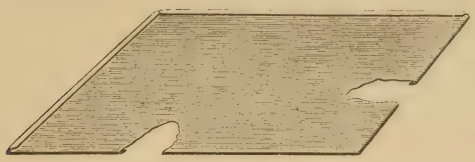


Fig. 189

IC.....per square $....
IX.....per square ....

A square contains 28 sheets, 20 in. wide by 28 in. long. The sheets are squared, notched, edged and painted red on under side.

Packed in crates of two squares each

Made in all grades of our Roofing Plates as shown on page 152.

Tin Flashings

Cut to Size and Painted Red on Both Sides

Fig. 190

List Price per Hundred Pieces

	4x5 in.	5x7 in.	7x10 in.
IC	$0.60	$0.90	$1.65
IX	1.00	1.25	2.50

100 pieces in each bundle

Carpenters builders and slaters will find this a cheap way of buying flashing.

Tin Valleys and Gutters

LIST PRICE PER LINEAL FOOT

	10 in. wide	14 in. wide	20 in. wide	28 in. wide
IC	$0.03	$0.04½	$0.06	$0.09
IX	.05	.07	.09	.12
Galvanized Steel	.12½	.17½	.25	.35

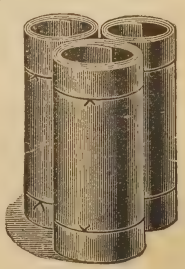


Fig. 191

Tin Valley Double Cross Locked and painted on both sides.
Galvanized Valley Double Cross Locked, but not painted.

Galvanized Roll Cap

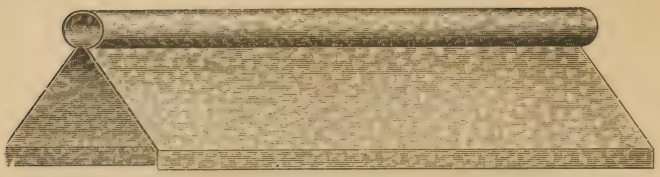


Fig. 138

List Price of Figs. 138 and 138½

Size of Roll	1¼ in.	1½ in.	2 in.	2½ in.	3 in.
Width of Apron	1¾ in.	2¼ in.	2½ in.	3¼ in.	3½ in.
Girt	7 in.	8 in.	10 in.	12 in.	14 in.
Galvanized, per foot	14c	16c	19c	23c	28c
Painted, per foot	12c	14c	17c	21c	26c

If size is not given we ship 8 in. girt, and galvanized. Packed 500 ft. in a crate.

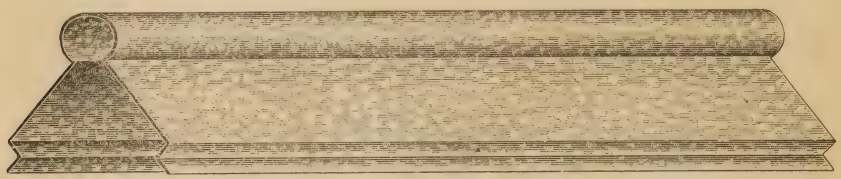


Fig. 138½ With Nailing Flange

Galvanized Steel Angle Cap

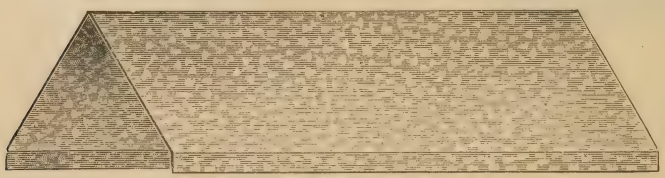


Fig. 139

LIST PRICE OF FIG. 139 AND 139½

Width of Apron	3 in.	3½ in.	4 in.
Girt	6 in.	7 in.	8 in.
Galvanized, per foot	13c	14c	16c
Painted, per foot	11c	12c	14c

Packed 500 ft. in a crate

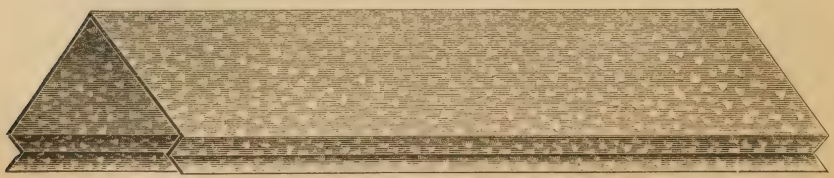


Fig. 139½ With Nailing Flange

Fig. 188

Fig. 187½

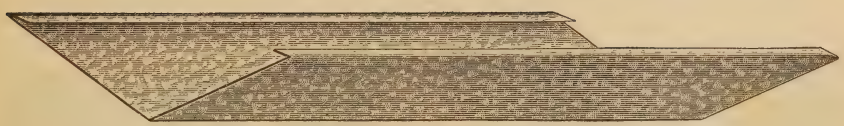


Fig. 187

List Price of Fig. 187, 187½ and 188

10 in. Girt, per ft.	12½c	14 in. Girt, per ft.	17½c
12 in. Girt, per ft.	15c	16 in. Girt, per ft.	20c

Crestings

Souther's Patent

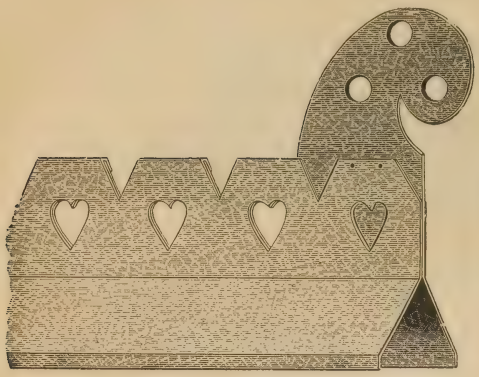


Fig. 144A

8 in. ..... 25c per ft.
10 in. ..... 34c per ft.
Scrolls, 20c each.

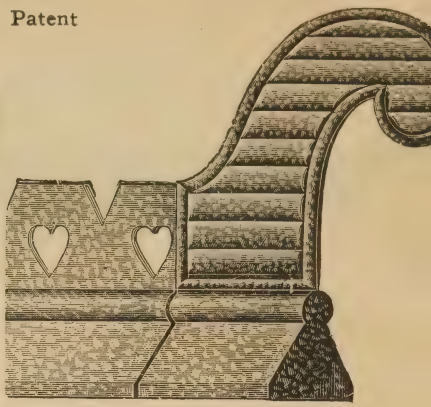


Fig. 144B

8 in. ..... 25c per ft.
10 in. ..... 34c per ft.
Finial, 75c each.

Souther's Patent

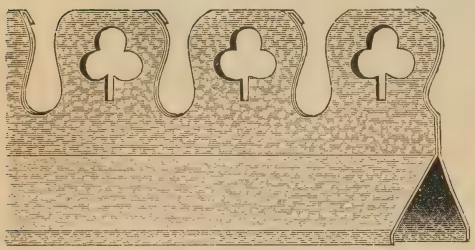


Fig. 145A

8 in. ..... 25c per ft.
10 in. ..... 34c per ft.
14 in. ..... 40c per ft.

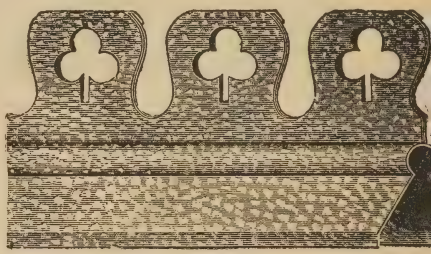


Fig. 145B

8 in. ..... 25c per ft.
10 in. ..... 34c per ft.
14 in. ..... 40c per ft.

Souther's Patent

Fig. 146A

8 in. ..... 25c per ft.
10 in. ..... 34c per ft.
14 in. ..... 40c per ft.

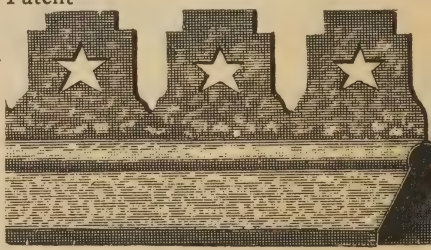


Fig. 146B

8 in. ..... 25c per ft.
10 in. ..... 34c per ft.
14 in. ..... 40c per ft.

500 ft. per crate

Crestings

Souther's Patent

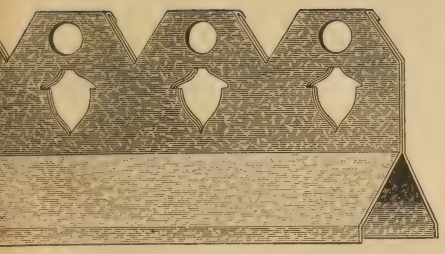


Fig. 147A

8 in. ..... 25c per ft.
10 in. ..... 34c per ft.
14 in. ..... 40c per ft.

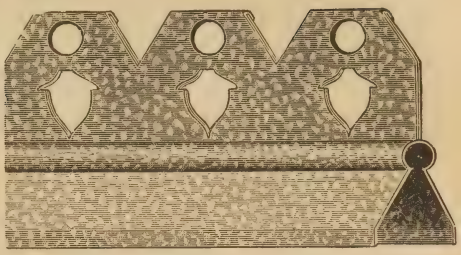


Fig. 147B

Can furnish 147B only 10 and 14 in.
10 in. ..... 34c per ft.
14 in. ..... 40c per ft.

Souther's Patent

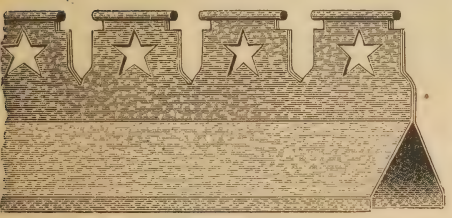


Fig. 148A

8 in. ..... 30c per ft.
10 in. ..... 40c per ft.
14 in. ..... 46c per ft.

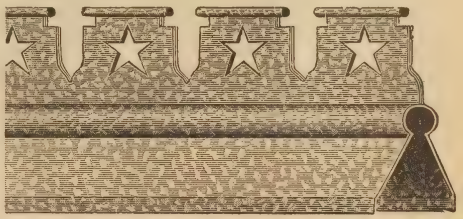


Fig. 148B

8 in. ..... 30c per ft.
10 in. ..... 40c per ft.
14 in. ..... 46c per ft.

Roll can be attached to either kind of Cresting

Souther's Patent

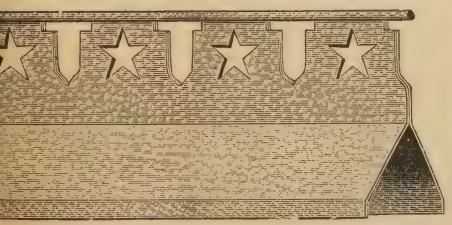


Fig. 149A

8 in. ..... 30c per ft.
10 in. ..... 40c per ft.
14 in. ..... 46c per ft.

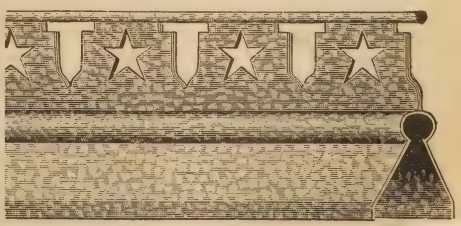


Fig. 149B

8 in. ..... 30c per ft.
10 in. ..... 40c per ft.
14 in. ..... 46c per ft.

500 ft. per crate

Crestings

Souther's Patent

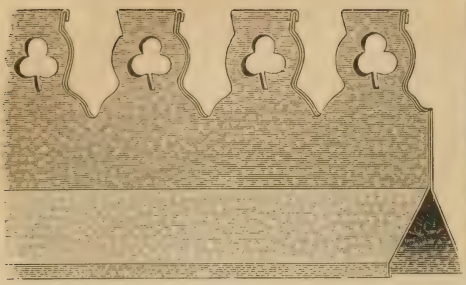


Fig. 276A

8 in. .....**25c** per ft.
10 in. .....**34c** per ft.

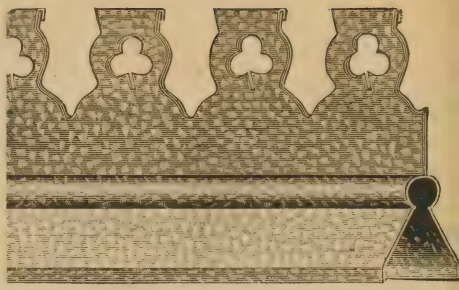


Fig. 276B

8 in. .....**25c** per ft.
10 in. .....**34c** per ft.

Souther's Patent

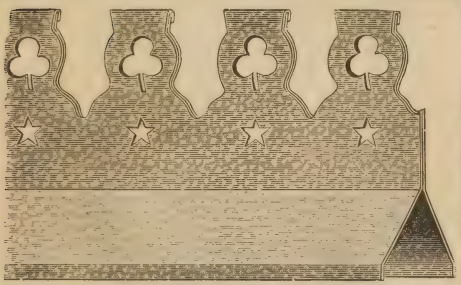


Fig. 277A

8 in. .....**25c** per ft.
10 in. .....**34c** per ft.
14 in. .....**40c** per ft.

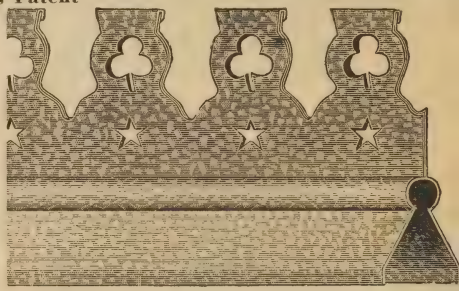


Fig. 277B

Can furnish 277B only 10 and 14 in
10 in. .....**34c** per ft
14 in. .....**40c** per ft

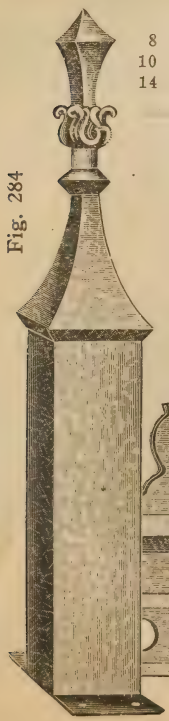


Fig. 284

Finials, 20 in. high.....**$1.75** each
Decking, 10 in, high.....**35c** per ft.
Decking, 15 in. high.....**45c** per ft.
Mitres .....**$1.00** each

Wrought Iron Braces for Decking, with Bolts and Nuts, furnished free.

The upper pattern of this Decking can be made to match any of the above patterns of Cresting.

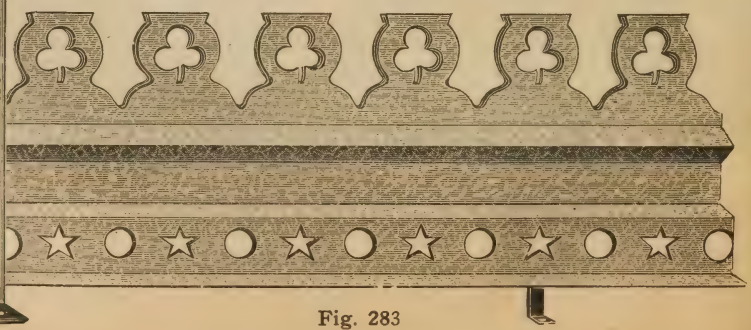


Fig. 283

Cresting Blocks and Decking Posts

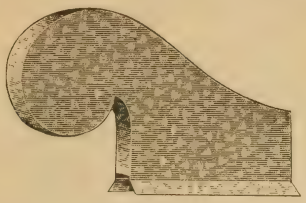


Fig. 263

6 in. high, made to fit 1¼ and 1½ in. Ridge Roll, list..... **50c** each

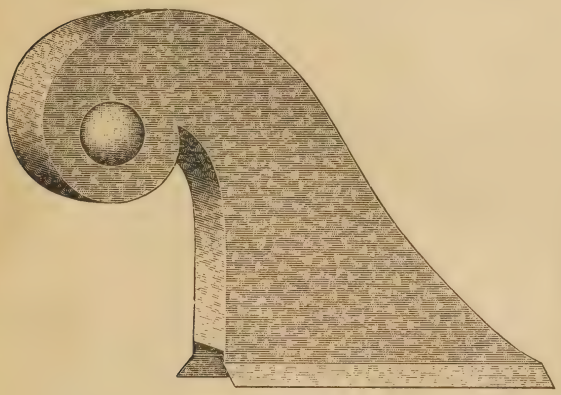


Fig. 264

10½ in. high, made to use on 8 and 10 in. Cresting, or can be used on 1½ or 2 inch Ridge Roll, list..... **75c** each

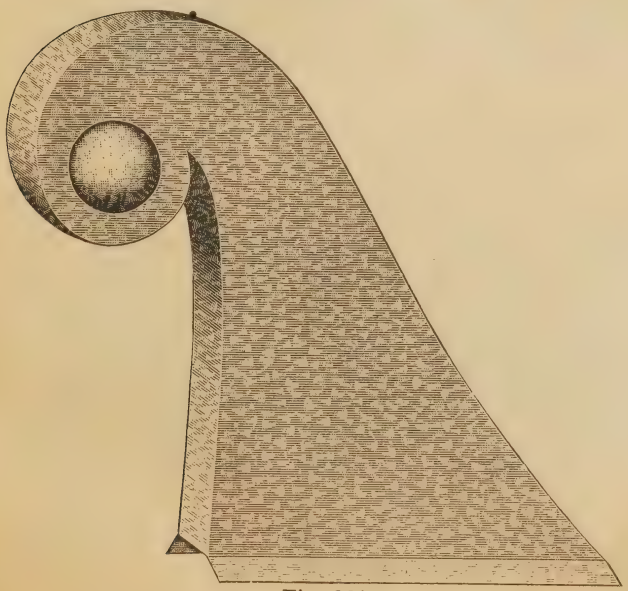


Fig. 265

20 in. high, used for 10 and 14 in. Cresting, List .....**$1.50** each

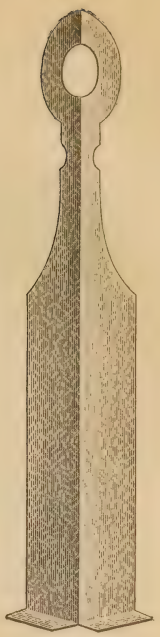


Fig. 267

Decking Post, Fig. 267, 22 in. high, can be used for any size Decking, made of flat piece Galvanized Iron bent in center, and has only two sides. List ..... **40c** each

Fig. 268

Decking Post, Fig. 268, 22 in. high, can be used for any size Decking. This is a complete post with four sides. List ..... **$1.40** each

Finials

No. 0

Fig. 280

No. 0. 18 in. high, each..... 50c

No. 1

Fig. 281

No. 1. 20 in. high, each.... $ 1.00
No. 2. 24 in. high, each.... 1.50

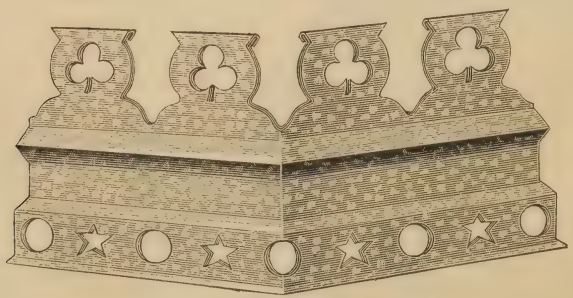


Fig. 279

Decking Mitre

Can furnish to suit any style Decking

Price List Ornamental Galvanized Steel Ridgings

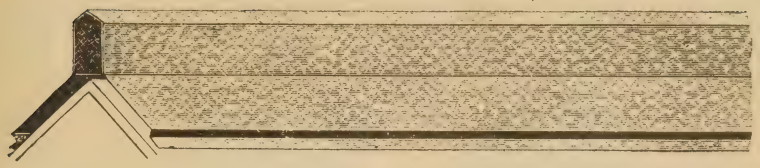


Fig. 140

Height	4¾	in.	6	in.	8	in.
Girt	12	in.	15	in.	20	in.
Apron	2½	in.	3½	in.	4½	in.
Price, per ft.	**15c**		**19c**		**25c**	

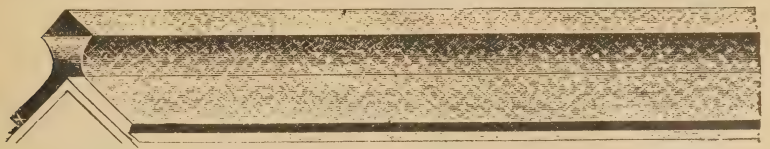


Fig. 141

Height	4½	in.	6	in.	8	in.
Girt	12	in.	15	in.	20	in.
Apron	2½	in.	3	in.	4½	in.
Price, per ft.	**15c**		**19c**		**25c**	

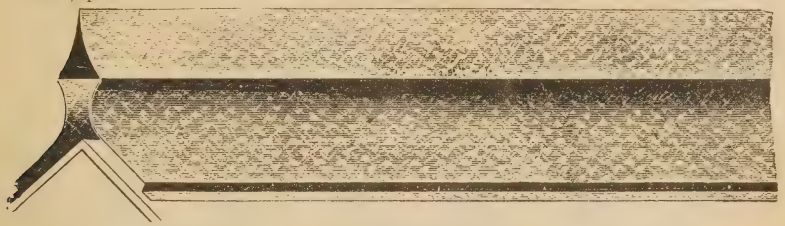


Fig. 142

Height	6¼	in.	8	in.	10	in.
Girt	15	in.	20	in.	24	in.
Apron	3	in.	4	in.	4½	in.
Price, per ft.	**19c**		**25c**		**36c**	

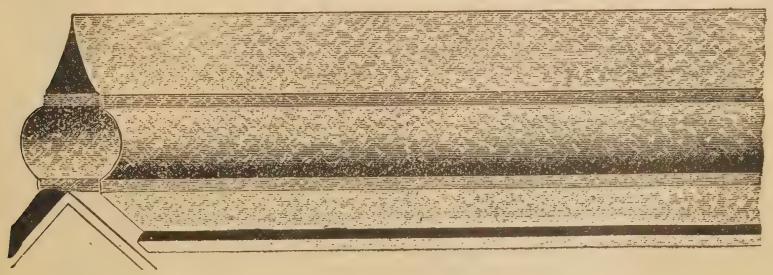


Fig. 143

Height	8	in.	9½	in.	12	in.
Girt	20	in.	24	in.	30	in.
Apron	4½	in.	5	in.	6½	in.
Price, per ft.	**26c**		**31c**		**45c**	

Discount .....

Ornamental Galvanized Steel Ridgings

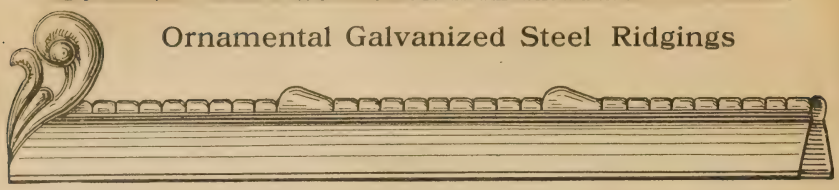


Fig. 266

Finial, each.....$2.50 Cresting, 12 in. Girt, per ft.....$0.36

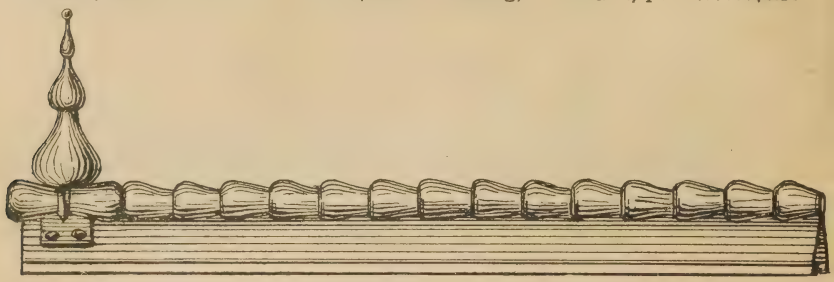


Fig. 384

Finial, 18 in high, price, each.....$2.50
Cresting, 12 in. Girt, per ft..... 0.36

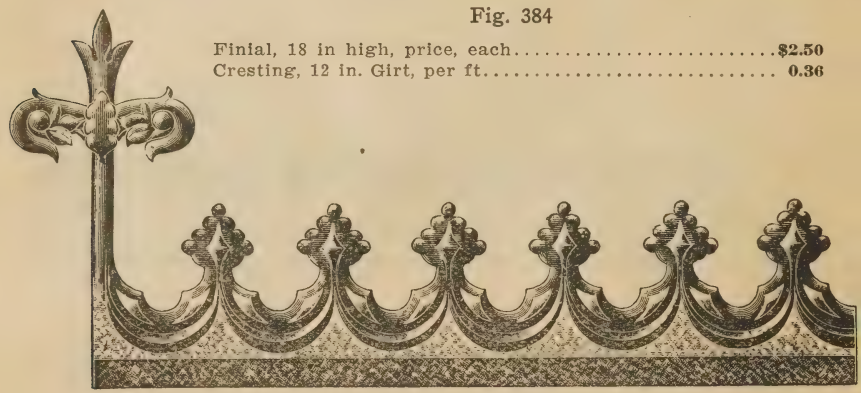


Fig. 273

Finial, 24 in. high, price, each.....$3.60
Cresting, 12 in. high, per ft..... 1.00

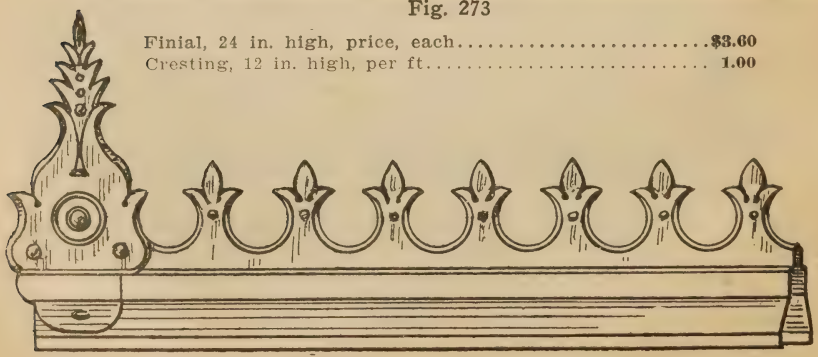


Fig. 275

Finial, 24 in. high, price, each.....$2.00
Cresting, 12 in. high, per ft.....$1.00

Crating Extra at Cost

Crestings and Finials

When ordering give Pitch of Roof

Fig. 150

Finial, 22 in. high, price, each.....$2.60
Cresting, 12 in. high.....per ft. .62

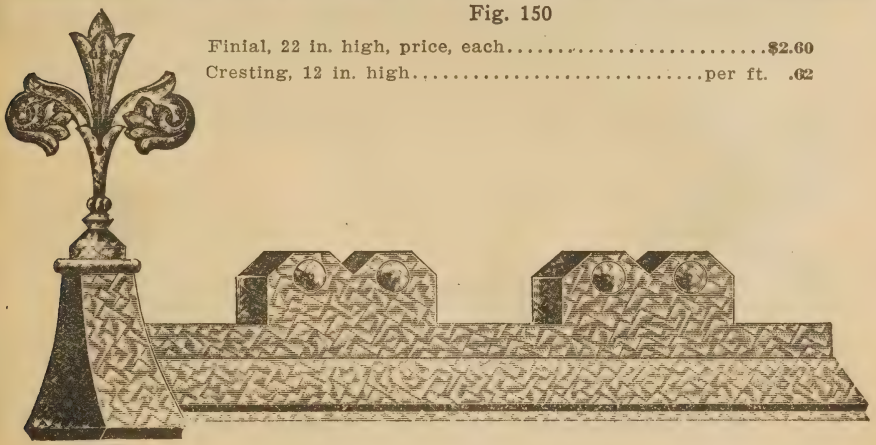


Fig. 151

Finial, 28 in. high, price, each.....$4.00
Cresting, 11 in. high.....per ft. .67

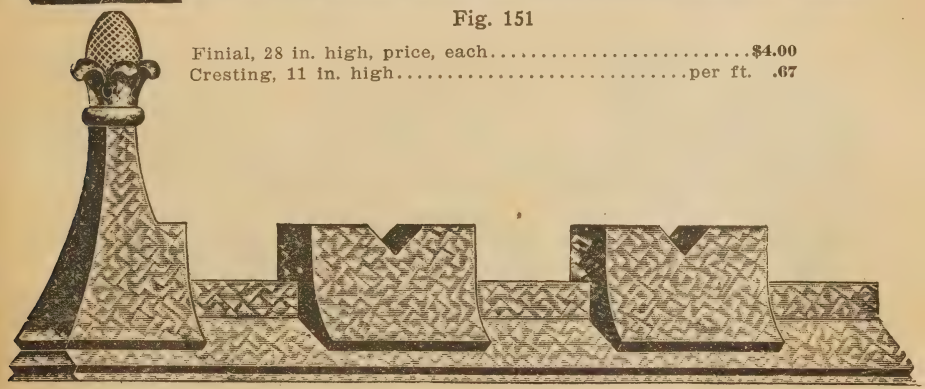


Fig. 152

Finial, 22 in. high, price, each.....$3.55
Cresting, 10 in. high.....per ft. .78
These Cresting Blocks, 11 in. long, or we furnish 4 to each 8 ft. section.

Discount .....

Crating Extra at Cost

Crestings and Finials

When ordering give Pitch of Roof

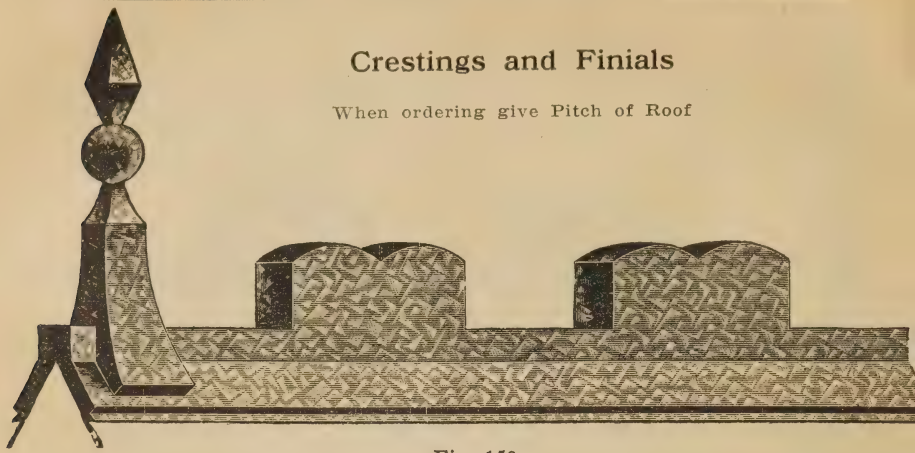


Fig. 153

Finial, 25 in. high, price, each..... $2.25
Cresting, 11½ in. high.....per ft. .46

Fig. 154

Finial, 18 in. high, price, each..... $2.55
Cresting, 10½ in. high.....per ft. .65

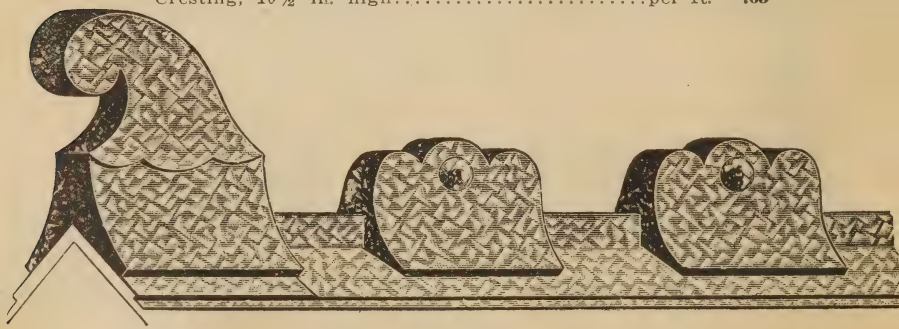


Fig. 155

Finial, 18 in. high, price, each..... $2.15
Cresting, 11 in. high.....per ft. .69

These Cresting Blocks, 11 in. long, and we furnish 4 to each 8 ft. section.

Discount .....

Crating Extra at Cost

Crestings

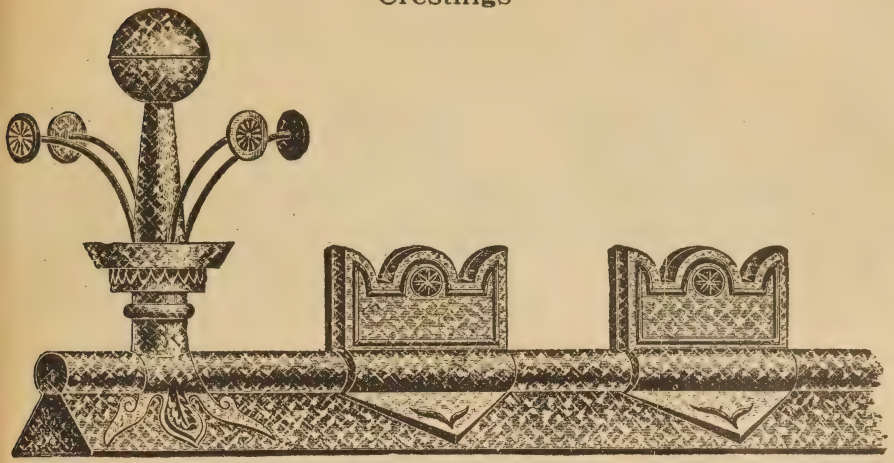


Fig. 156

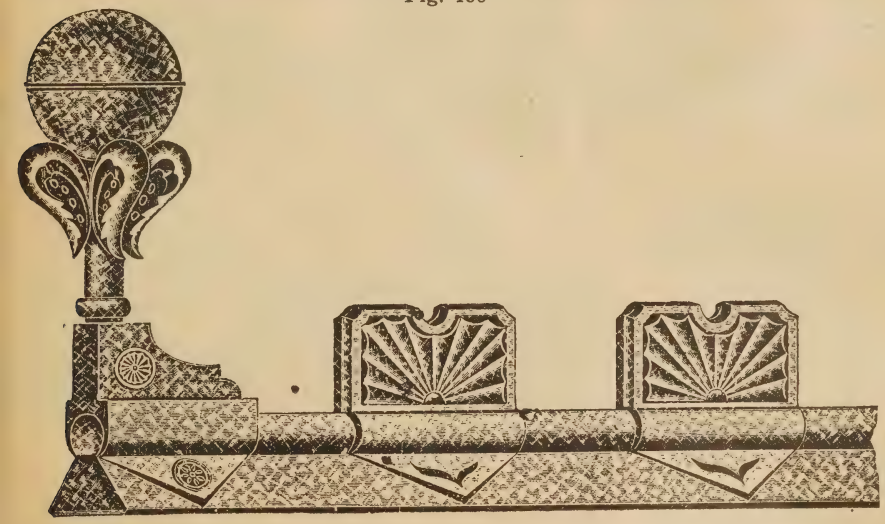


Fig. 157

LIST PRICE

Fig. 156, Galvanized Cresting, per ft	$0.56
Fig. 157, Galvanized Cresting, per ft	.56
Fig. 156, Galvanized Finial, 2 ft. 6 in. high, each	6.60
Fig. 157, Galvanized Finial, 2 ft. 8 in. high, each	6.30

These Cresting Blocks, 8 in. long. We furnish 4 to each 8 ft. section.

Discount .....

Crating Extra at Cost

Cresting

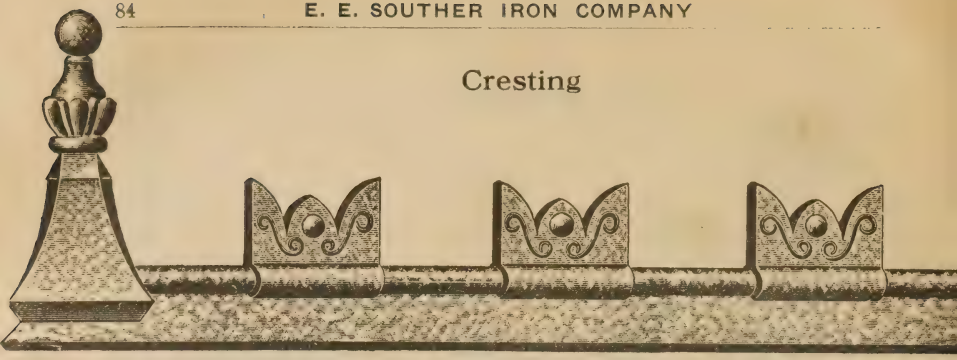


Fig. 269

Finial, 21 in. high, price, each.....$2.80
Cresting.....per ft. .56

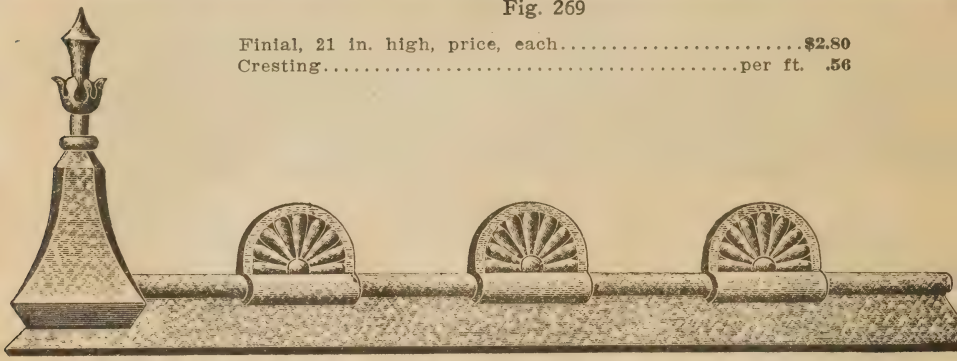


Fig. 270

Finial, 22 in. high, price, each.....$2.00
Cresting.....per ft. .56

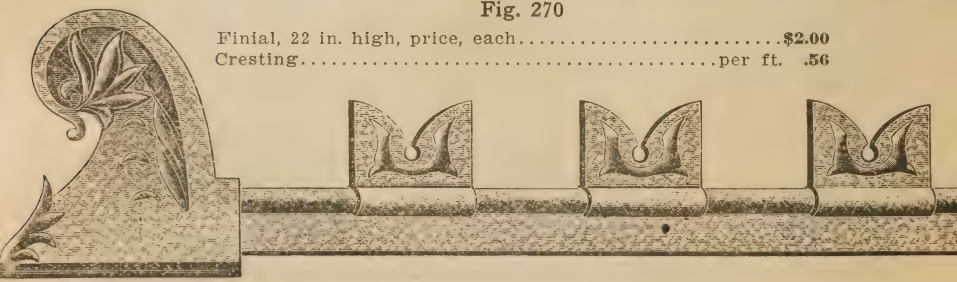


Fig. 271

Finial, 21 in. high, price, each.....$4.20
Cresting.....per ft. .56

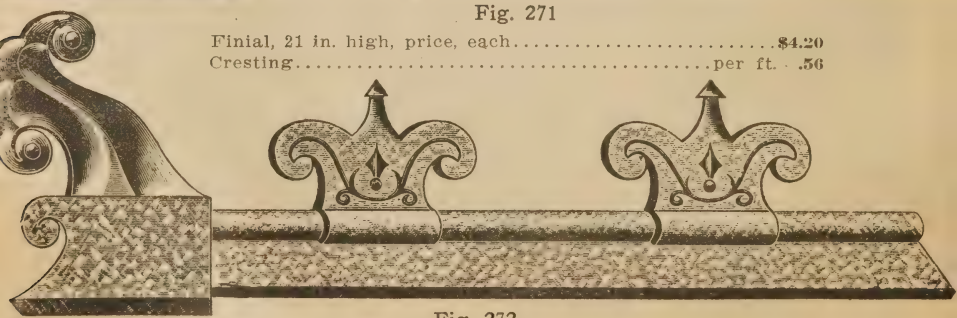


Fig. 272

Finial, 15 in. high., price, each, **$2.70.** Cresting, **56c** per ft.
These Cresting Blocks, 8 in long. We furnish 4 to each 8 ft. section.

Crating Extra at Cost

Metallic Cresting Blocks

The Cresting Blocks as shown herewith are entirely new and original in design and made of Galvanized Steel to fit 2 in. Ridge Roll. Are applied in same manner as shown on page 70.

Size of Blocks—8 in. long by 5 in. high from top of roll.

Fig. 158, each...**$0.40**

Fig. 159, each...**$0.40**

Fig. 160, each...**$0.40**

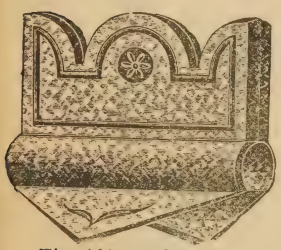


Fig 161, each...**$0.40**

Fig. 162, each...**$0.40**

Fig. 163, each...**$0.40**

Fig. 164, each...**$0.40**

Fig. 165, each...**$0.40**

Fig. 166, each...**$0.40**

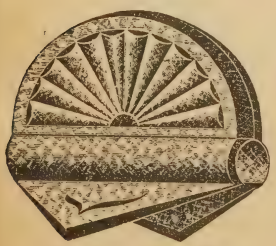


Fig. 167, each...**$0.40**

Fig. 168, each...**$0.40**

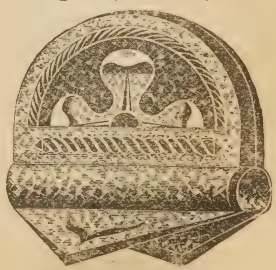


Fig. 169, each...**$0.40**

Discount .... Per Cent

Galvanized Steel Ridging Finials and Urns

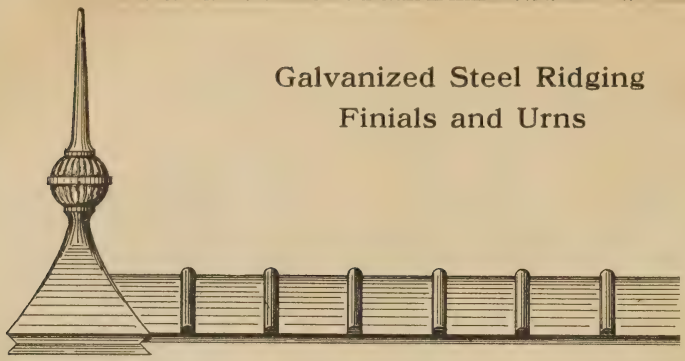


Fig. 401

Cresting, 7 in. high	price, per foot	$ .50
Cresting, 10 in. high	price per foot	.65
Finial, 4 ft. high	price, each	6.00

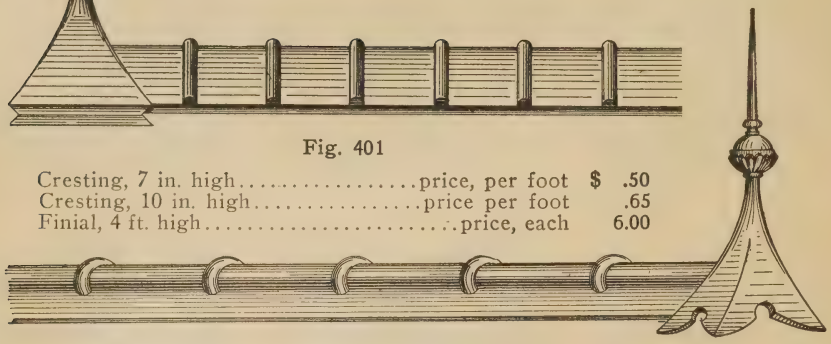


Fig. 402

Cresting, 5 in. high	price, per foot	$ 0.50
Cresting, 7 in high	price, per foot	.60
Finial, 4 ft. high	price, each	7.00

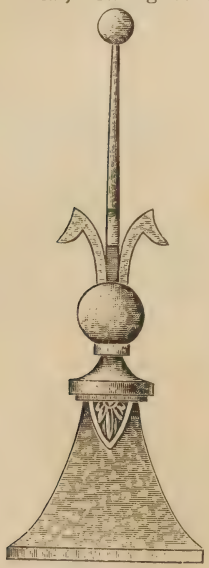


Fig. 406
3 ft. high
$6.00 each

Fig. 403
12 in. high
$2.00 each

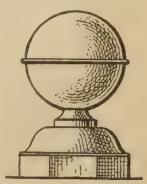


Fig. 405
12 in. high
$2.00 each

Fig. 404
24 in. high
$3.00 each

Crating Extra at Cost

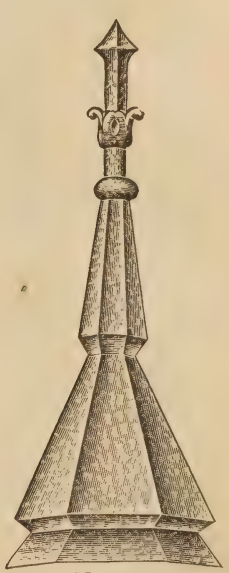
No. 408
24 in. high
$6.00 each

No. 409
36 in. high
$8.00 each

No. 410
20 in. high
$3.00 each

No. 411
36 in. high
$7.00 each

No. 412
30 in. high
$6.00 each



No. 413
36 in. high
$4.00 each

We can change shape of base for additional charge

Crating Extra at Cost

Finials

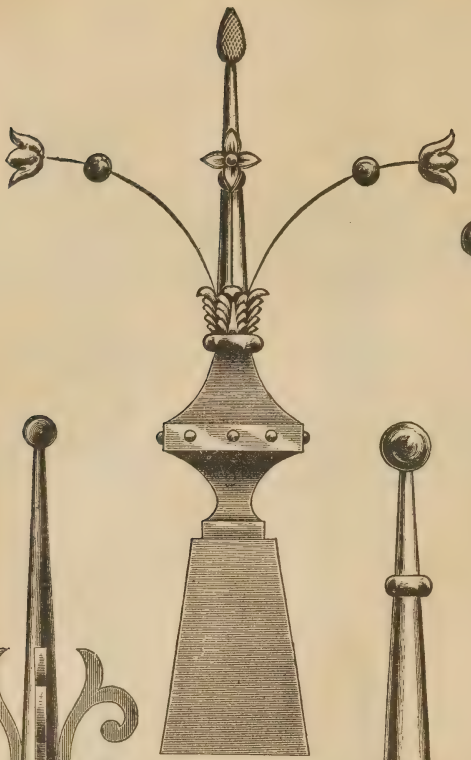


Fig. 127
Height, 4 ft.
Price, $8.00

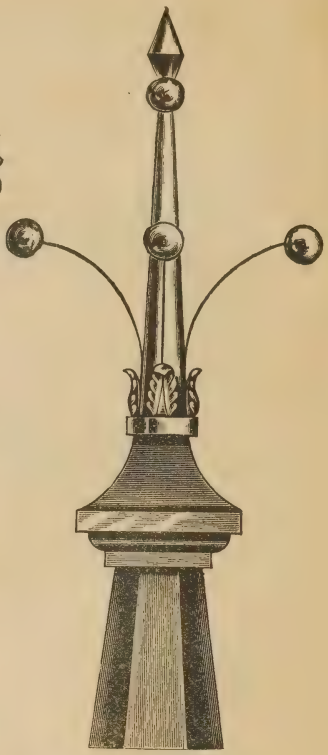


Fig. 128
Height, 4 ft.
Price, $8.00

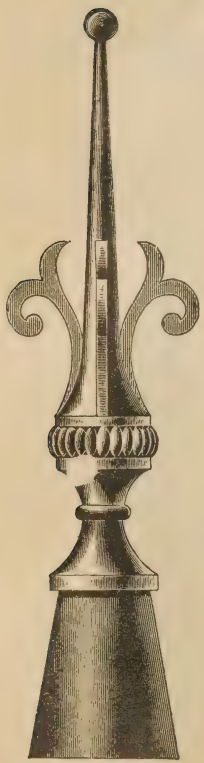


Fig. 129
Height, 4 ft.
Price, $8.40

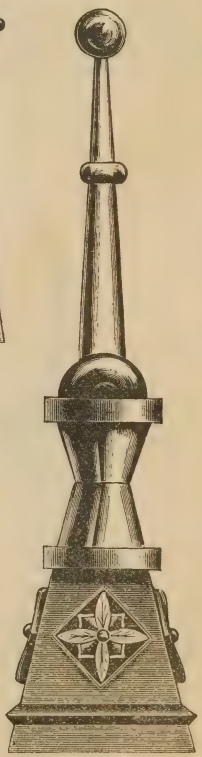


Fig. 130
Height, 4 ft.
Price, $7.70

We can add any other shaped base at slight additional charge.

Discount .....
Crating Extra at Cost

Finials

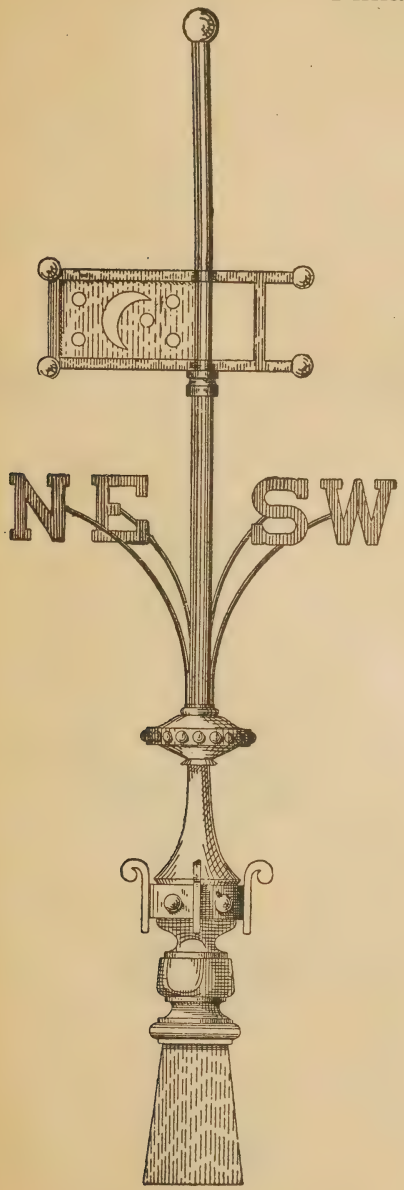


Fig. 250
Height, 6 ft. 6 in.
Price, each, **$30.00**

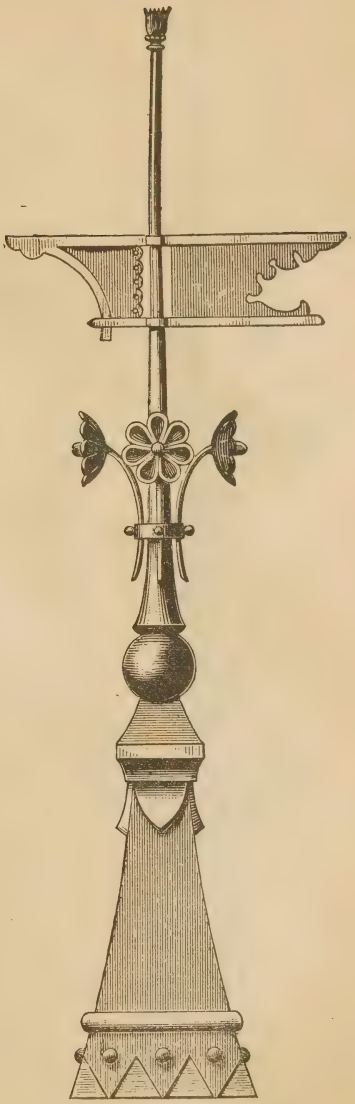


Fig. 251
Height, 6 ft.
Price, each, **$32.40**

We can change shape of base for additional charge

Crating Extra at Cost

Finials

Fig. 253
Height, 8 ft
Price, each, **$36.00**

Fig. 252
Height, 8 ft.
Price, each, **$38.40**

We can change shape of base for additional charge

Crating Extra at Cost

Finials

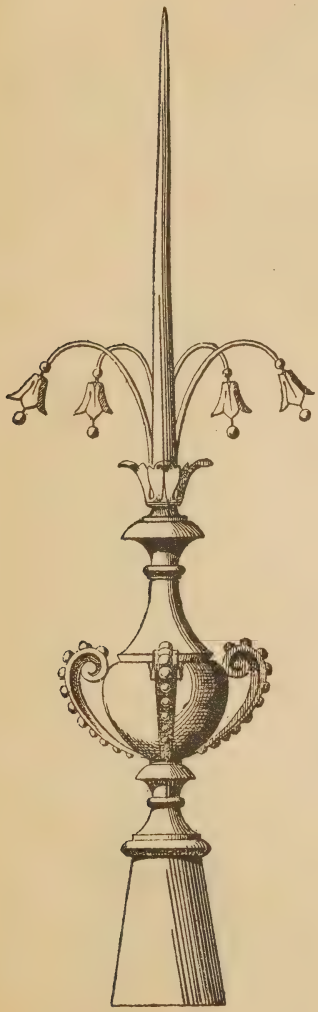


Fig. 254
Height, 66 in.
Price, each, **$20.40**

Fig. 255
Height, 60 in.
Price, each, **$14.40**

We can change base for additional charge

Crating Extra at Cost

Finials

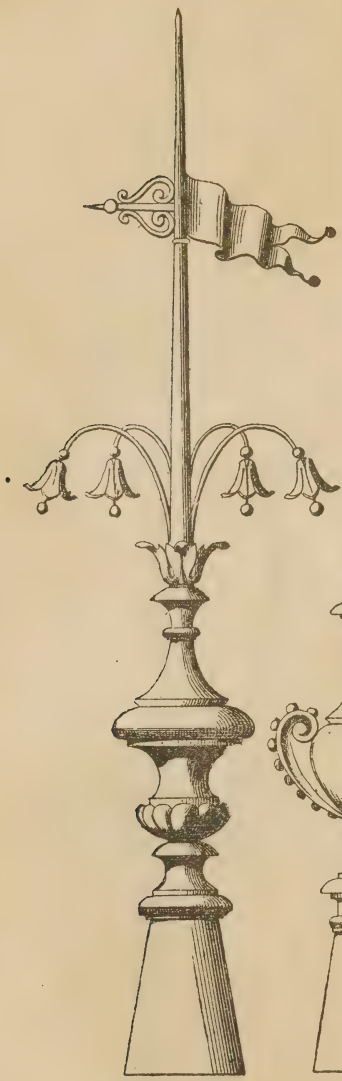


Fig. 256
Height, 5 ft.
Price, **$28.00** each

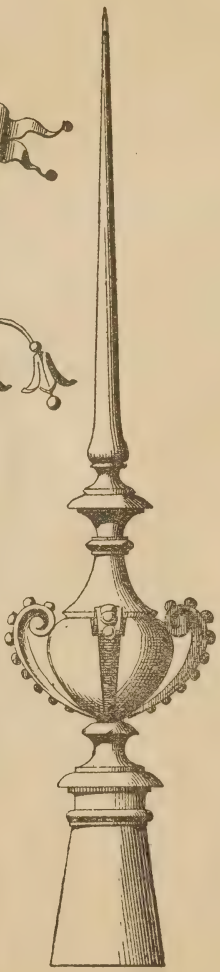


Fig. 257
Height, 63 in.
Price, **$18.00** each

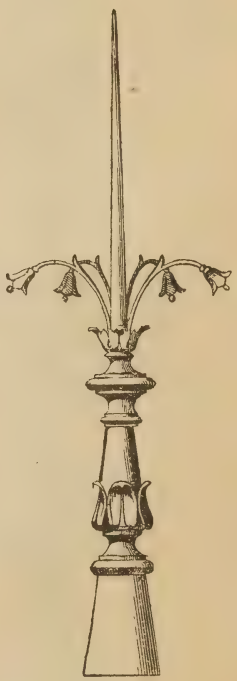


Fig. 258
Height, 4 ft.
Price, **$12.00** each

We can change base for additional charge

Crating Extra at Cost

Finials

Fig. 259

Height, 6 ft.

Price, **$20.00** each

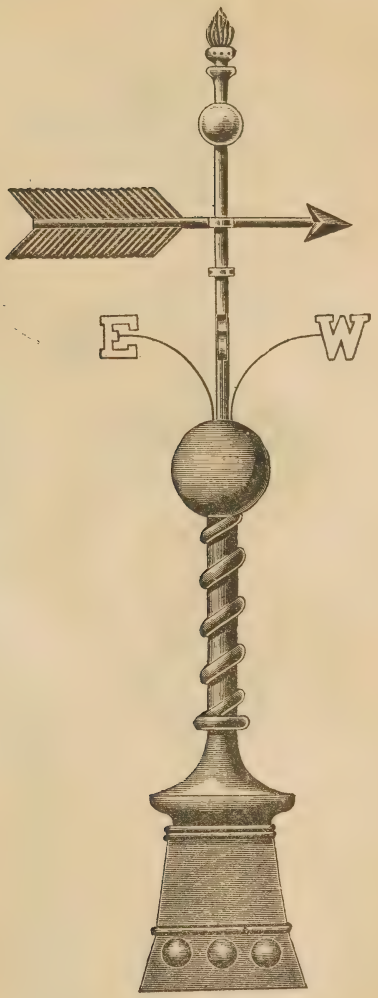


Fig. 260

Height, 6 ft.

Price, $20.00 each

We can change base for additional charge

Crating Extra at Cost

Finials

Fig. 261
Height, 6 ft. 6 in.
Price, each, **$42.00**

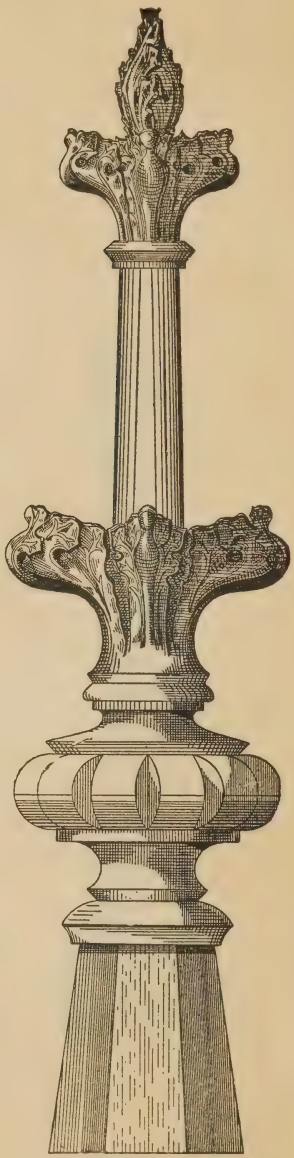


Fig. 262
Height, 7 ft. 6 in.
Price, each, **$48.00**

We can change base for additional charge

Crating Extra at Cost

Finials

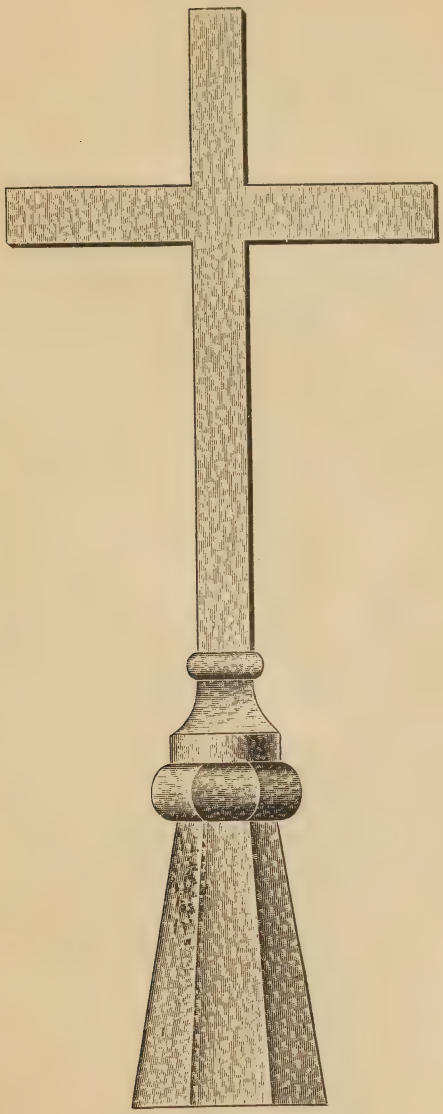


Fig. 407

8 ft. high

$16.00 each

Crating Extra at Cost

Finials

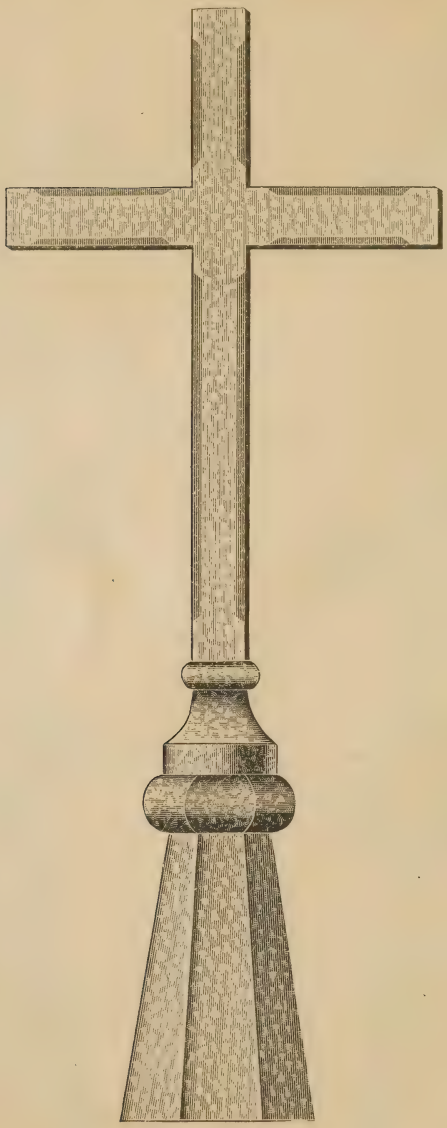


Fig. 455

8 ft. high

$20.00 each

Crating Extra at Cost

Finials

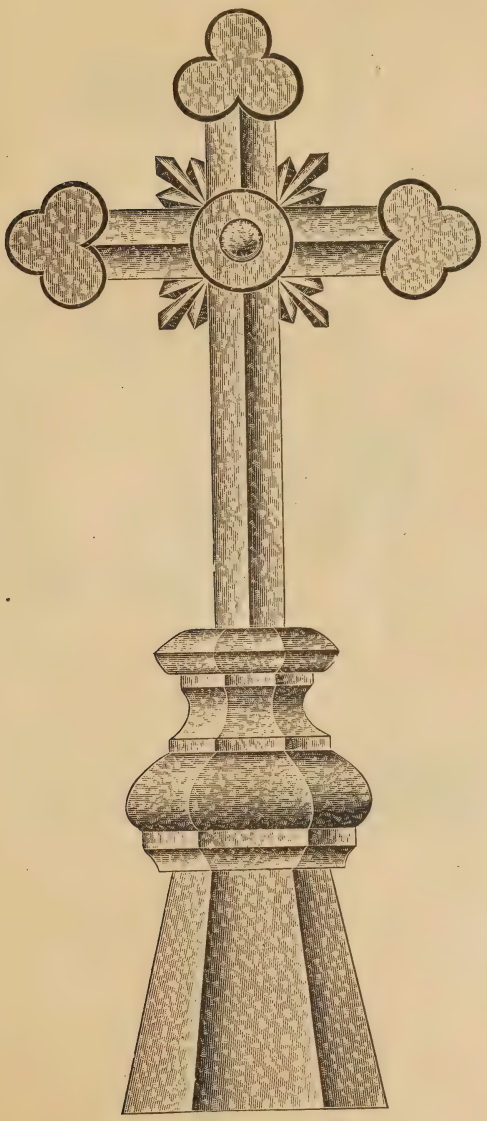


Fig. 456

Height 8 ft.....Price $ 30.00

Discount .....
Crating at Actual Cost

Finials and Weathervanes

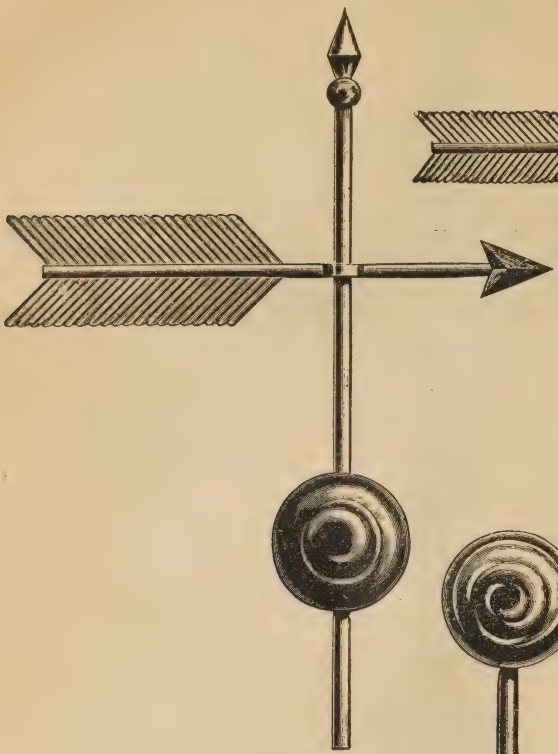


Fig. 134
Height, 4 ft. Price, $8.40

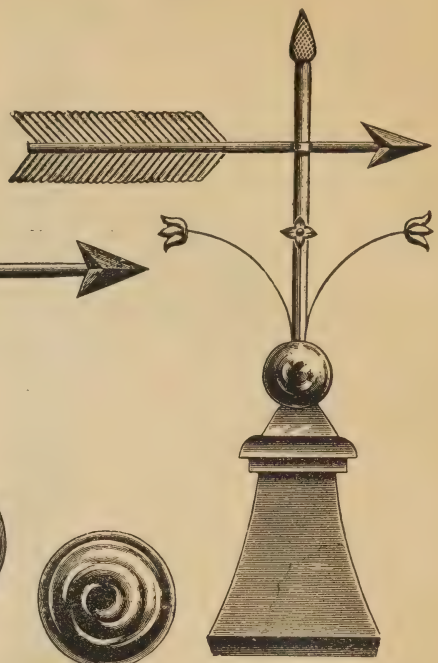


Fig. 135
Height, 3 ft. 6 in.
Price, $12.00

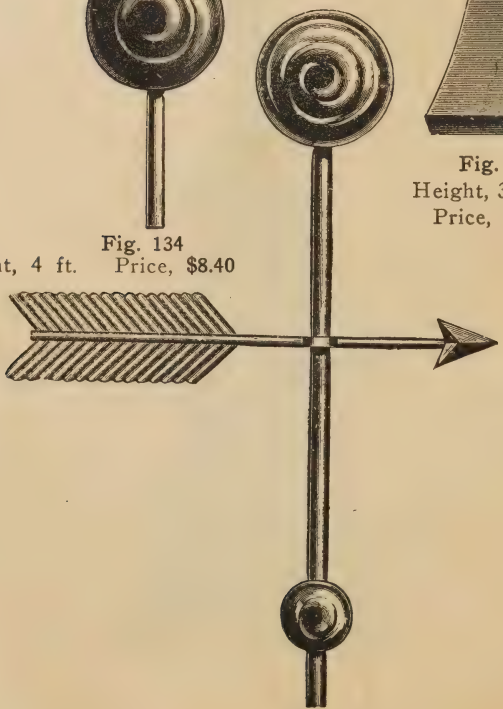


Fig. 136
Height, 4 ft. Price, $8.40
Discount .....
Crating Extra at Cost

Weathervane

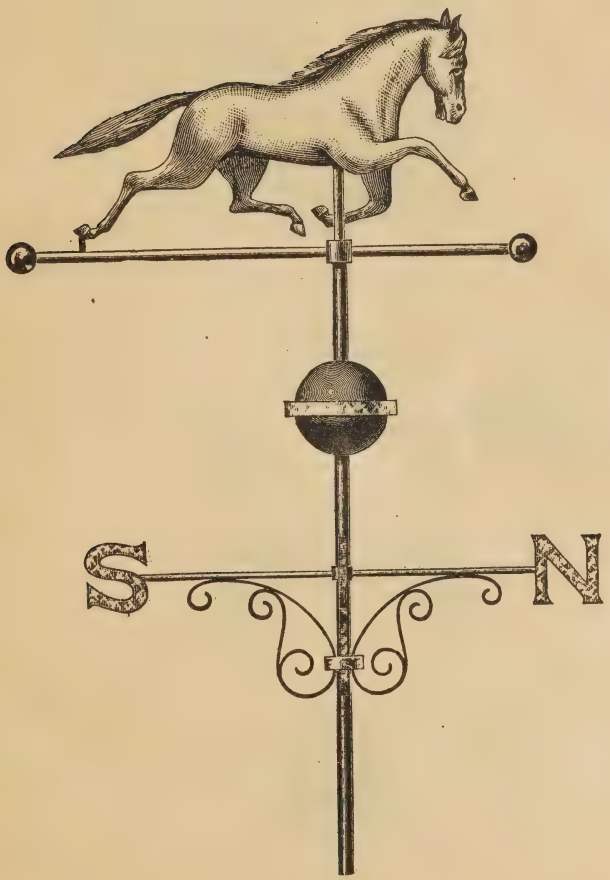


Fig. 137

Height, 4 ft., price, complete, each..... $ 20.00

Crating Extra at Cost

Weathervane

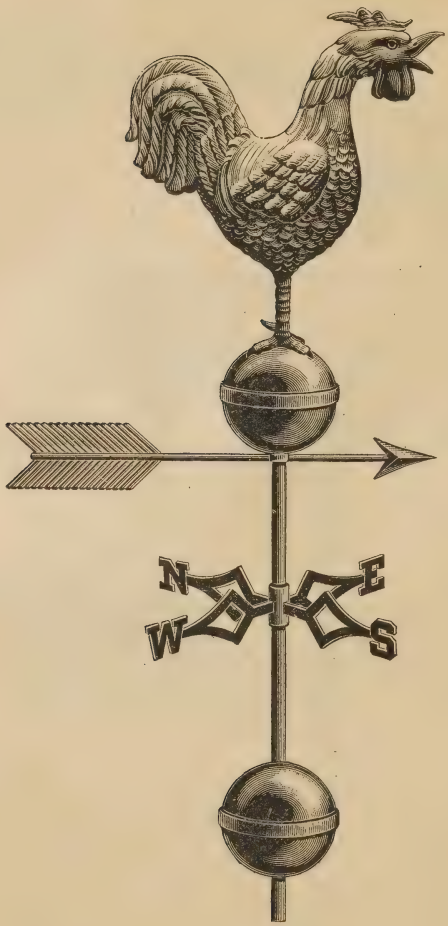


Fig. 131

Height, 5 ft., price, complete, each..... **$ 25.00**

Crating Extra at Cost

Weathervane

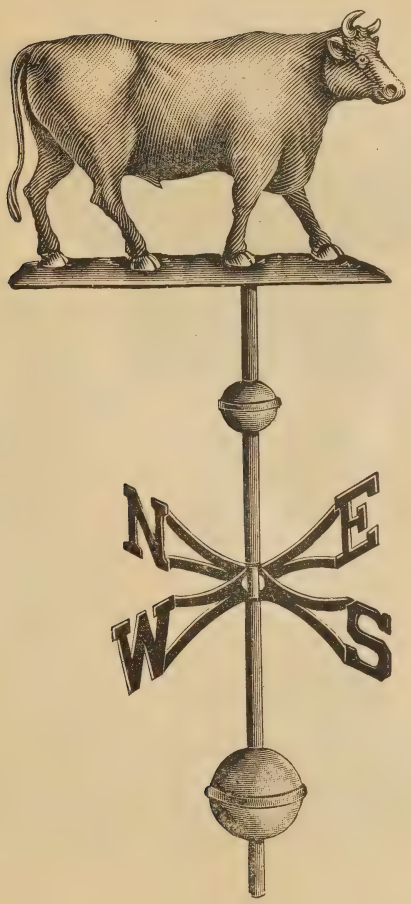


Fig. 132

Height, 4 ft., price, complete, each..... $ 20.00

Crating Extra at Cost

The Columbia Ventilator and Chimney Cap

HANDSOME, SIMPLE, DURABLE, STORM-PROOF

Made of Galvanized Steel

Fig. 249

PRICE LIST

Diameter	Price Galvanized	Diameter	Price Galvanized	Diameter	Price Galvanized
2 inch	$2 00	6 inch	$3 00	18 inch	$14 00
2½ inch	2 00	7 inch	3 50	20 inch	16 00
3 inch	2 00	8 inch	4 00	24 inch	18 00
3½ inch	2 00	9 inch	4 50	30 inch	22 00
4 inch	2 00	10 inch	5 00	36 inch	30 00
4½ inch	2 25	12 inch	6 00	40 inch	36 00
5 inch	2 50	14 inch	8 00	48 inch	46 00
5½ inch	2 75	16 inch	12 00	60 inch	60 00

Discount ..... per cent

It is superior to all others for ventilation of Churches, School Houses, Public Buildings, Residences, Out-Houses, Stables, etc. also for Factories, Cotton and Woolen Mills, Machine Shops, Foundries and Dry Houses, and Buildings of all kinds.

Chimney draughts increased.

Smoky and gassy chimneys and down draughts cured. Bases will be made to fit any roof or chimney, either square or oblong, of any size required, but the bases are **extra,** according to size and capacity.

The ventilator cap must have as great a capacity as the flue or opening on which it is to be placed to obtain satisfactory results.

Prices on Copper on Application

Crating Extra at Cost

Ventilators

For removing heat and odor from Factories, Barns, Mills, Laboratories, Foundries, Gas Houses, Hospitals, etc.

Made in two different styles and four different sizes.

When ordering state size and style preferred.

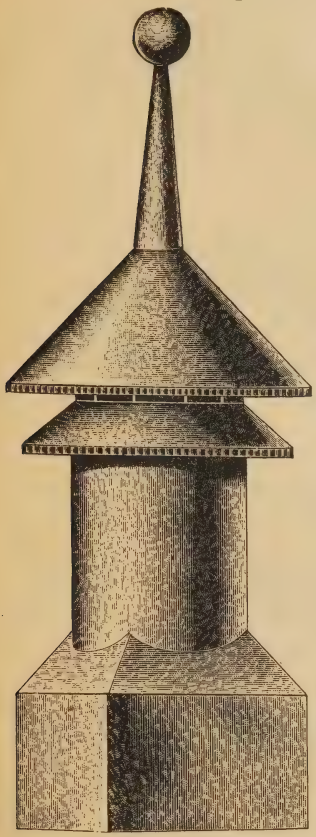


Fig. 3130

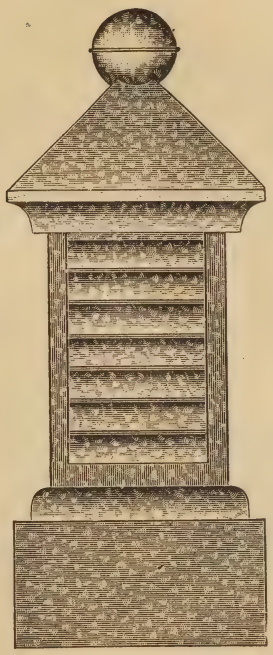


Fig. 3131

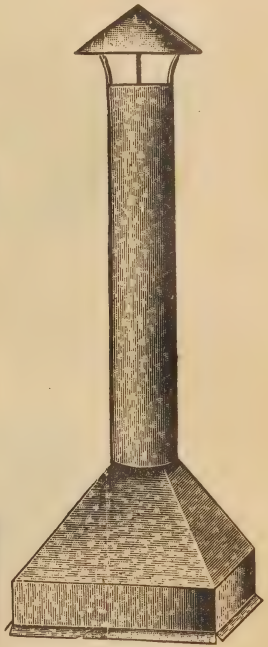


Fig. 3132

VENTILATOR PRICE LIST

	Fig. No. 3130	Fig. No. 3131
18 in. Base, 12 in. Drum, 5 ft. high, each	$ 12.75.	Each.... $ 13.00
22 in. Base, 15 in. Drum, 6½ ft. high, each	15.00.	Each.... 16.50
28 in. Base, 21 in. Drum, 8½ ft. high, each	18.00.	Each.... 20.00
35 in. Base, 29 in. Drum, 11 ft. high, each	22.50.	Each.... 27.50

For prices on No. 3132, Chimney Top, give dimensions of Base and Height.

Crating Extra at Cost

Galvanized Steel Skylights

FIRE, WATER AND DUST PROOF

Made of Best Apollo Galvanized Steel

Our Skylights are guaranteed to be the best material and workmanship, absolutely snow and water tight, all condensation being provided for by our new and latest improved construction.

The prices include ¼ in. rough glass.

Wood curb to receive galvanized frame, not furnished by us. In giving measurements name distance from out to out of curbs and thickness of curb.

Prices on Copper and Larger Skylights quoted on application

We make a specialty of Photographers' Skylights

Order by Number

SINGLE PITCH

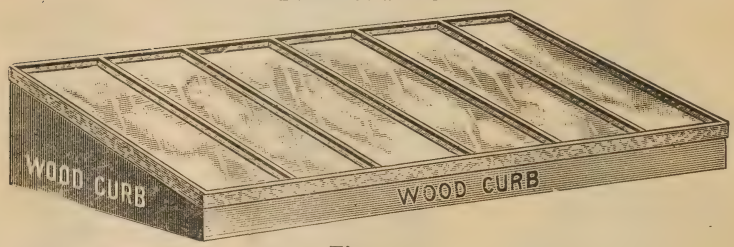


Fig. 181

Single Pitch Skylight, wood curb not furnished. In ordering state whether bars run long or short way. This skylight can be hinged and used as a scuttle.

DOUBLE PITCH

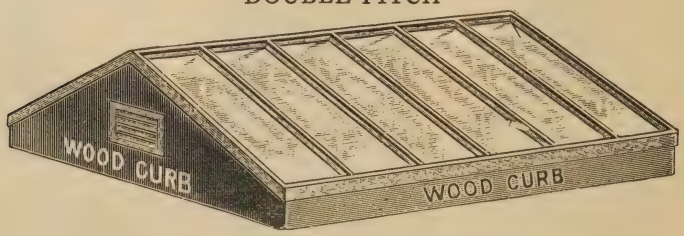


Fig. 245

Double Pitch Skylight with movable Louvre Ventilators, which are extra. Wood curb not furnished.

PRICE LIST OF SKYLIGHT VENTILATORS

Louvre Ventilators				Round Tubular Ventilators			
Size Inches	Price Each	Size Inches	Price Each	Size Inches	Price Each	Size Inches	Price Each
4x 6	$1 00	10x14	$2 00	6 inch	$2 00	12 inch	$4 00
6x 8	1 25	12x16	2 50	8 inch	2 50	14 inch	4 50
8x10	1 75	12x20	3 00	10 inch	3 50	16 inch	5 00

Ventilator Discount .....

Skylight Price List Opposite Page

Galvanized Steel Skylights

DOUBLE PITCH

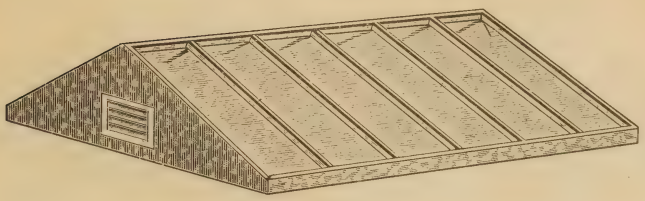


Fig. 3061

Double Pitch Skylight, with closed galvanized steel ends, and movable Louvre ventilators in each end. List prices includes ventilators.

PRICE LIST OF SKYLIGHTS Fig. 181-245 and

Prices include ¼ in. Rough Glass cut to size packed in separate cases.

Size of Curb Outside	Single Pitch Fig. 181	Double Pitch Ends Not Closed Ventilators Extra Fig. 245	Double Pitch Galv. Closed Ends Including Ventilators Fig. 3061
2 x 2	$ 3.50	$ 4.75	$ 7.75
2 x 3	5.00	6.75	9.75
2 x 4	6.25	8.00	11.00
2 x 6	8.75	10.50	13.50
3 x 3	7.25	9.00	12.00
3 x 4	9.00	10.50	13.50
3 x 5	10.25	12.00	15.00
3 x 6	11.25	13.75	16.75
3 x 8	14.00	17.00	20.50
4 x 4	10.50	12.75	16.25
4 x 5	12.50	15.00	18.50
4 x 6	14.50	17.50	21.00
4 x 7	16.75	20.50	24.00
4 x 8	18.50	22.50	26.00
4 x 9	20.85	24.50	28.00
4 x 10	22.50	26.50	30.00
5 x 5	15.25	18.00	22.00
5 x 6	16.75	20.50	24.50
5 x 7	18.00	23.80	27.80
5 x 8	21.00	25.00	29.00
5 x 9	23.00	27.00	31.00
5 x 10	25.25	29.50	33.50
5 x 12	30.00	35.00	39.00
6 x 6	19.00	24.50	29.00
6 x 7	22.00	27.60	32.00
6 x 8	23.50	29.50	34.00
6 x 9	26.75	32.40	36.90
6 x 10	29.00	35.75	40.25
6 x 12	34.50	41.50	46.00
8 x 8	30.75	39.75	44.25
8 x 9	33.80	43.20	47.90
8 x 10	37.50	47.00	52.00
8 x 12	44.00	54.00	59.00

All Glass shipped at purchaser's risk of breakage

Will quote on Wired Skylight Glass on application

Discount .....

Galvanized Steel Skylights

HIPPED, WITHOUT VENTILATOR

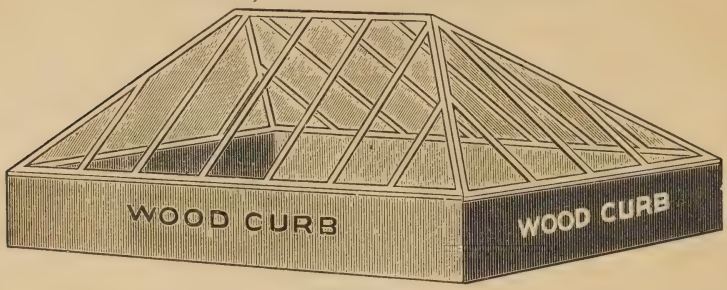


Fig. 3060

HIPPED, WITH TUBULAR VENTILATOR

List Price Includes Ventilator

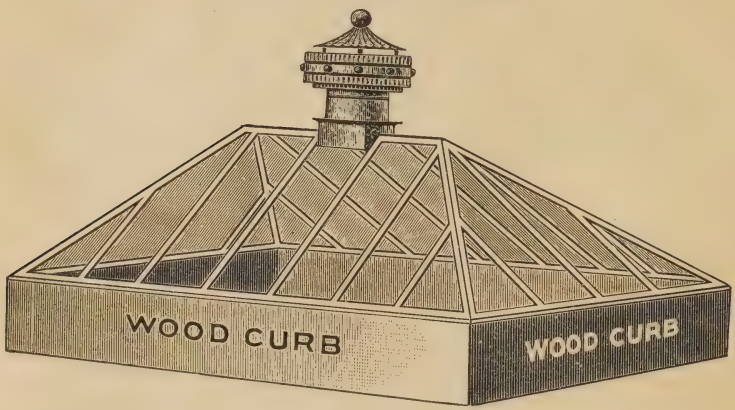


Fig. 246

HIPPED TURRET SKYLIGHT WITH STATIONARY LOUVRE VENTILATORS, SIDES AND ENDS

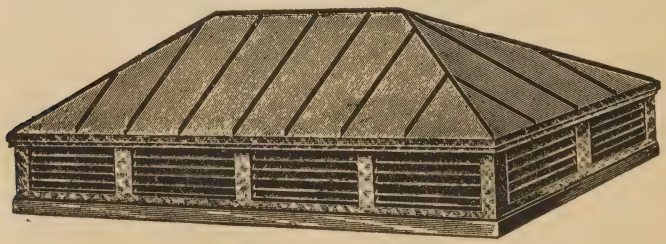


Fig. 247

Order by Number

In giving measurements name distances out to out of curbs and thickness of curb.

Prices include ¼ in. rough glass cut to size and securely packed in separate cases.

Galvanized Steel Skylights

Hipped Turret Skylight, with Ridge Ventilator, Movable Side Sashes and Locking Apparatus

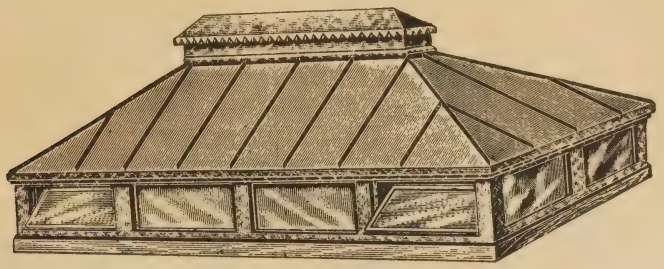


Fig. 248

Price List of Skylights Figs. 246-247-248

Prices include ¼ in. Rough Glass cut to size packed in separate Cases

Sizes of Curb Outside	Hipped, without Tubular Ventilator Fig. 3060	Hipped, with Tubular Ventilator Fig. 246	Hipped Turret with Stationary Louvre Ventilator Fig. 247	Hipped Turret with Ridge Ventilator, Movable Side Sashes Fig. 248
2 x 2	$ 8.00	$10.00	$17.00	$28.00
2 x 3	10.25	12.50	21.00	34.00
2 x 4	12.25	14.25	25.00	40.00
2 x 6	15.50	17.25	28.00	50.00
3 x 3	13.75	15.75	26.00	42.00
3 x 4	16.25	18.25	29.00	48.00
3 x 5	18.75	20.75	33.00	54.00
3 x 6	20.75	22.75	36.00	60.00
3 x 8	25.00	27.00	45.00	70.00
4 x 4	19.50	22.00	33.00	55.00
4 x 5	22.25	24.75	38.00	61.00
4 x 6	24.50	27.00	41.00	66.00
4 x 7	27.50	30.00	46.00	72.00
4 x 8	30.00	32.50	50.00	79.00
4 x 9	33.85	36.35	57.00	81.50
4 x 10	36.25	38.75	59.00	90.00
5 x 5	27.00	30.50	44.00	68.00
5 x 6	29.00	32.50	47.00	74.00
5 x 7	32.90	36.40	52.50	79.25
5 x 8	36.25	39.75	58.00	88.00
5 x 9	38.50	42.00	65.25	90.00
5 x 10	42.50	46.00	67.00	100.00
5 x 12	51.00	54.50	78.00	115.00
6 x 6	33.00	37.00	53.00	82.00
6 x 7	37.80	41.80	63.00	92.40
6 x 8	42.25	46.25	66.00	98.00
6 x 9	46.50	50.50	70.20	108.00
6 x 10	51.50	55.50	77.00	112.00
6 x 12	62.50	66.50	91.00	130.00
8 x 8	56.00	61.00	81.00	116.00
8 x 9	61.20	66.20	90.00	126.00
8 x 10	68.00	73.00	96.00	135.00
8 x 12	80.50	85.50	110.00	151.00

All Glass shipped at purchaser's risk of breakage.

Will quote on Wired Skylight Glass on application

Discount .....

No. 180

Made of Heavy Galvanized Corrugated Iron

Sheet 8 ft. long, light, 18 in. x 6 ft., list..... **$ 12.00** complete

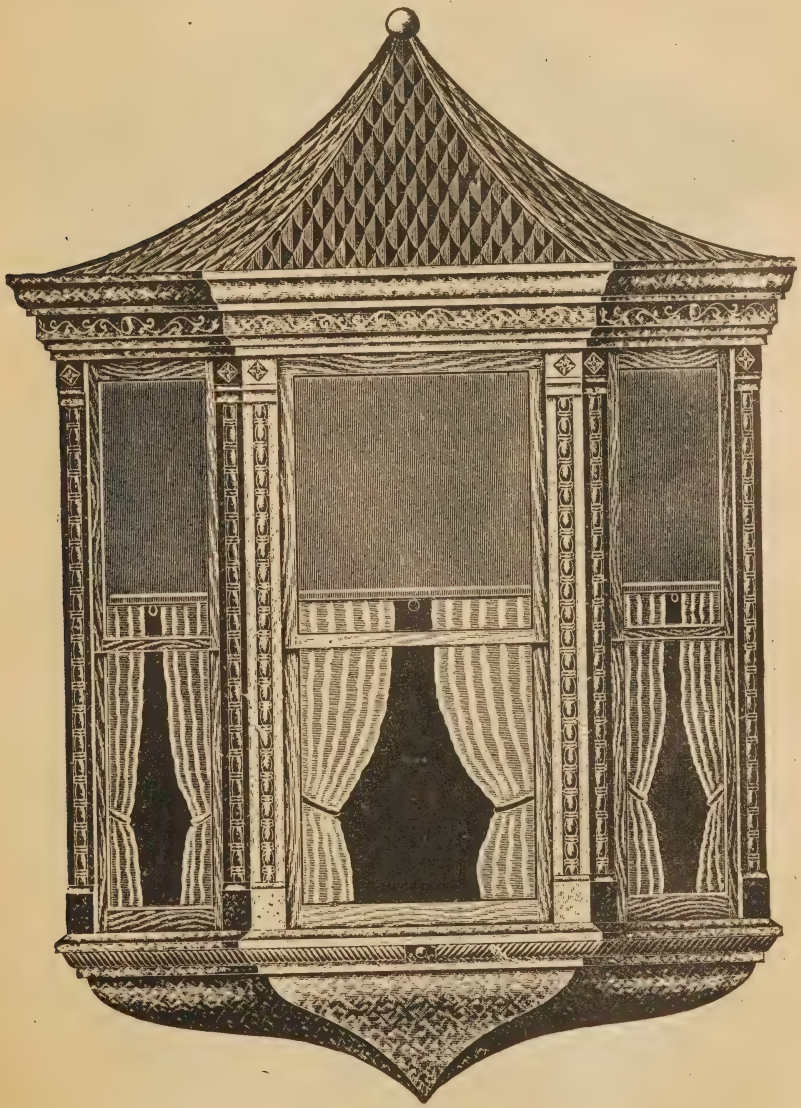
Sheet 9 ft. long, light, 18 in. x 7 ft., list..... **14.00** complete

Sheet 10 ft. long, light, 18 in x 8 ft. list..... **15.50** complete

This skylight is furnished as shown above with regular rough skylight glass.

Galvanized Steel or Copper Bays

These designs of projecting Bay Windows, which make upper stories light, airy and cheerful, are very appropriate for Office, Residence or Hotel buildings.



No. 231

Design can be varied to meet your requirements.
Write, stating size you wish, and we will quote you price.

Galvanized Steel or Copper Bays

Projecting Bay Windows throw a great amount of light into upper stories, making them particularly desirable for living rooms or offices.

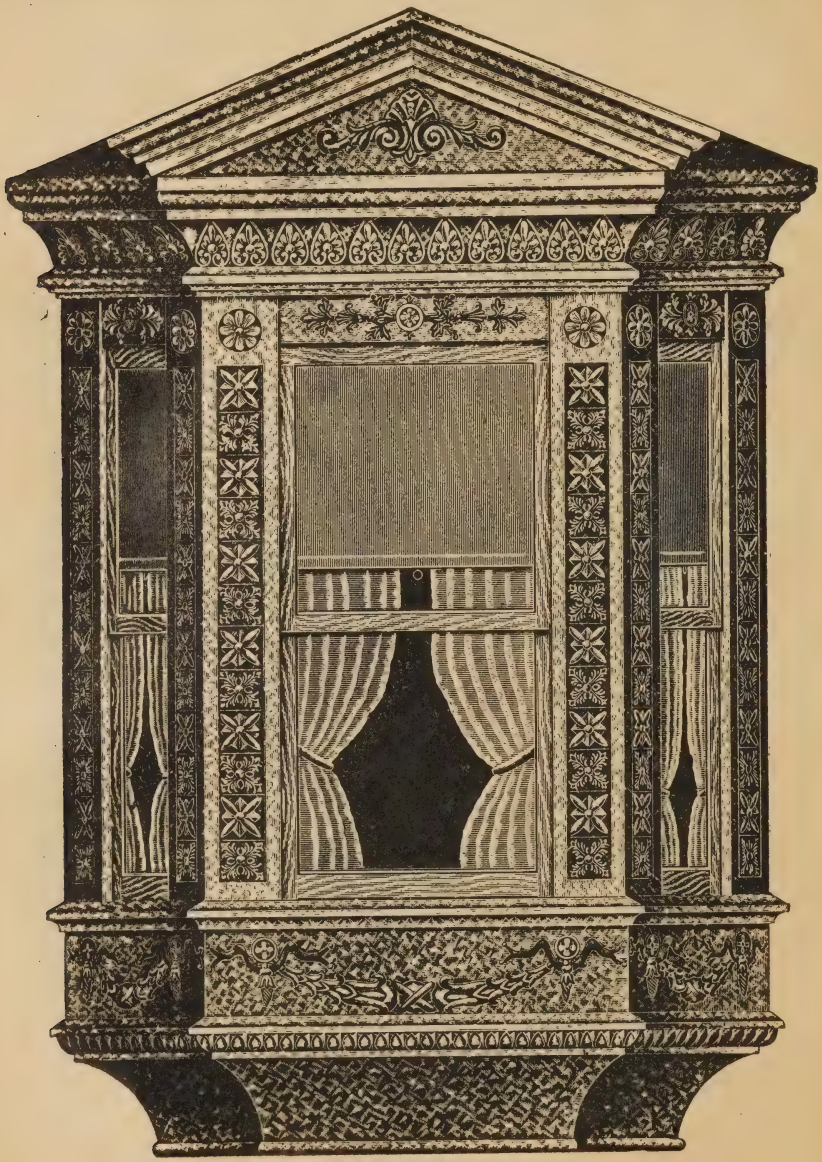


Fig. 232

Design can be varied to suit your wants.
Write, stating size you wish, and we will quote you price.

Galvanized Steel or Copper Bays

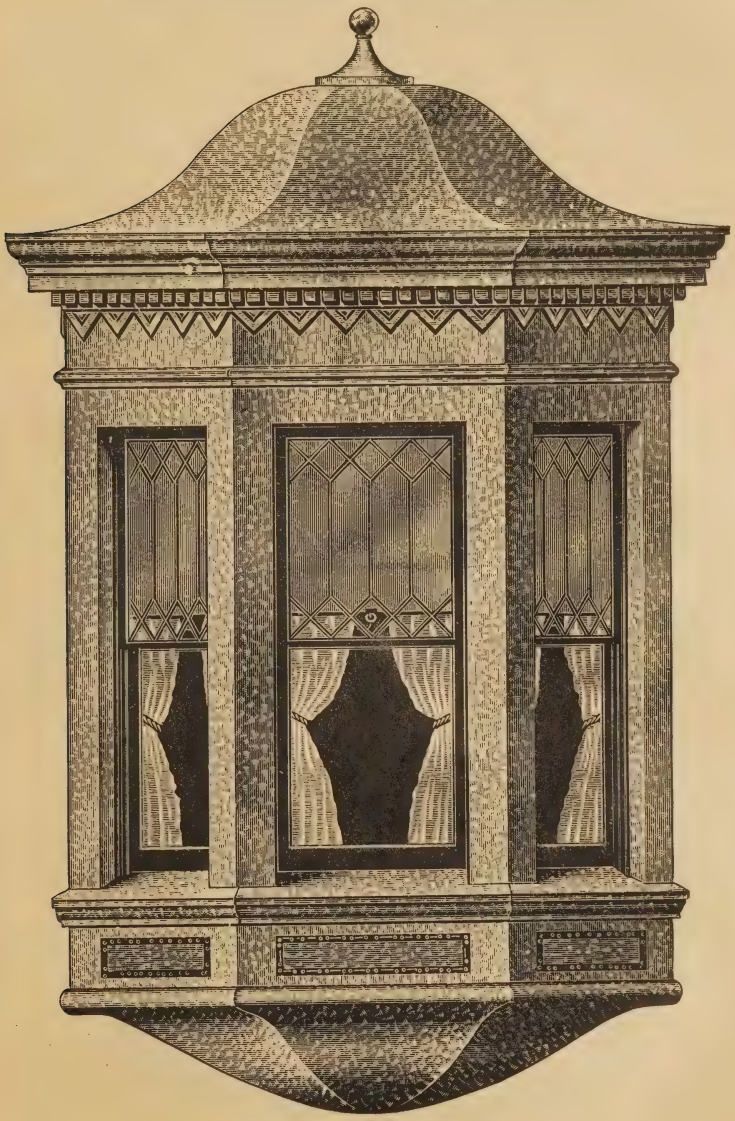


Fig. 460

These windows add to the cheerful effect of the room and all are an ornament to the outside appearance of any house.

We can furnish the windows complete with sash and glass or only the metal wood, just as preferred.

Galvanized Steel or Copper Bays

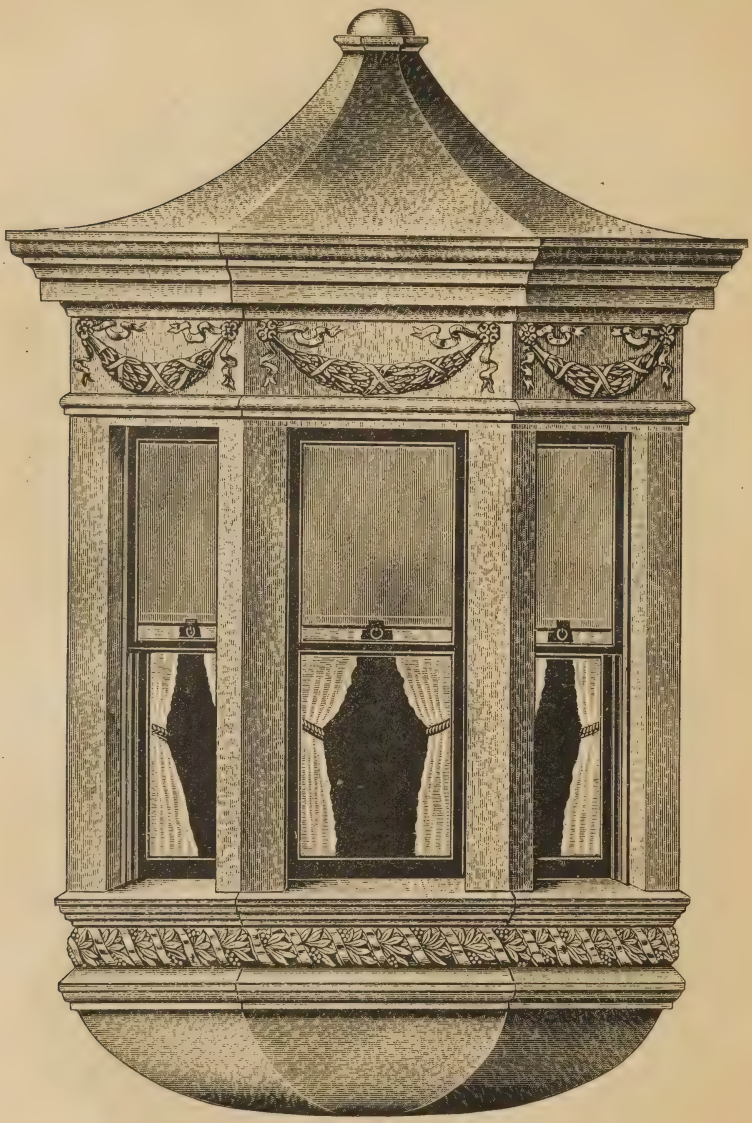


Fig. 461

These windows can be made almost any size. They add light to the room.

In ordering give all dimensions and details.

Galvanized and Copper Cornices

We submit the following designs to give some idea of the character of work turned out by us in this line. Any of the designs shown are subject to modification and can be either enlarged or reduced to suit the requirements of the customer at a small expense.

We will quote prices on any special design, if accurate drawings and specifications are sent us.

Our facilities in this branch of our business have been greatly increased and we can assure our customers good workmanship and promptness in filling orders.

We quote on Copper Cornices only when specifications are sent us

Write for Discounts

Crating Charged for at Cost

Cornice

GALVANIZED

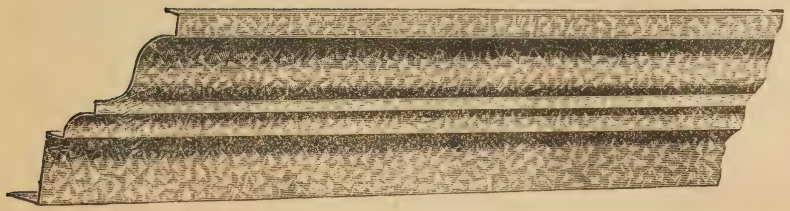


Fig. 421

Fig. 422

PRICE LIST

Figures 88 and 89, height	20 in.
Figures 88 and 89, projection	12 in.
Figures 88 and 89, price per ft	....54c

Discount ..... per cent

Quotations on any design in Cornice furnished upon receipt of complete specifications.

Crating Extra at Cost

Crown and Belt Mouldings

Made of Best Bloom Galvanized Steel.

Prices on Copper and Painted Steel or Iron quoted on application.

If you do not find the size or style you desire and will give us an idea of your wants, we will be pleased to submit designs and prices.

In ordering please state if mouldings are to be used for wood or brick, as a different construction is necessary.

Fig. 3161

Height .....9 in.
Projection ..4 in.
Price, per ft..**15c**

Fig. 3162

Height .....9 in.
Projection ..5 in.
Price, per ft..**18c**

Fig. 3163

Height .....9 in.
Projection ..4 in.
Price, per ft..**15c**

Fig. 3164

Height.....9 in.
Projection.4½ in.
Price, per ft..**18c**

Fig. 3165

Height.....10 in.
Projection..4 in.
Price, per ft..**18c**

Fig. 3166

Height.....10 in.
Projection..4 in.
Price, per ft..**18c**

Fig. 3167

Height.....10 in.
Projection.4½ in.
Price, per ft..**18c**

Fig. 3168

Height.....10 in.
Projection..5 in.
Price, per ft..**18c**

Fig. 3169

Height.....12 in.
Projection..6 in.
Price, per ft..**20c**

Fig. 3170

Height.....12 in.
Projection.5½ in.
Price, per ft..**20c**

Fig. 3171

Height.....14 in.
Projection...7 in
Price, per ft..**22c**

Fig. 3172

Height.....14 in.
Projection..6 in.
Price, per ft..**22c**

Discount .....

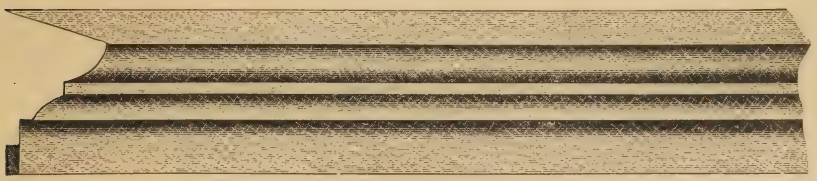
Crown and Belt Mouldings

If furnished with diagram we can make any size or style moulding the customer may desire.

In ordering state if mouldings are to be used for Wood or Brick, as a different construction is necessary.

Prices on belt mouldings, galvanized or copper, furnished on application.

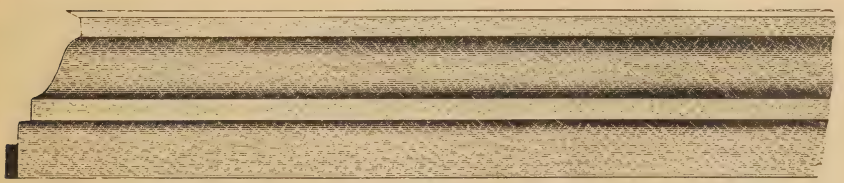
For Wood



No. 417 Galvanized

Height, 10½ in., projection, 4½ in., girt, 20 in., price..... **22c** per ft.

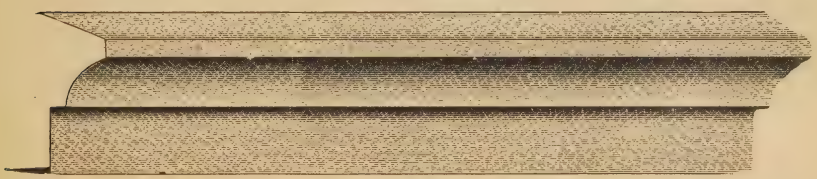
For Wood



No. 418 Galvanized

Height, 13 in., projection, 6½ in., girt, 20 in., price..... **22c** per ft.

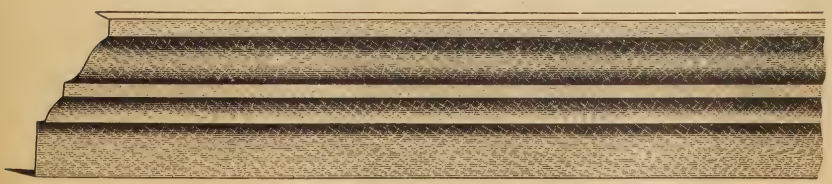
For Brick



No. 419 Galvanized

Height, 10 in., projection, 5½ in., girt, 20 in., price..... **21c** per ft.

For Brick



No. 420 Galvanized

Height, 12 in., projection, 7 in., girt, 20 in., price..... **20c** per ft.

Write for Discounts Crating Extra at Cost

Lintel Cornice

Made of Galvanized Steel

Covering for Lintel Cornice, 15c per ft. extra net. Order covering if wanted.

Fig. 325

Height, 12 in., projection, 10 in., price, per ft..... $0.32
Mitres, each..... 1.00

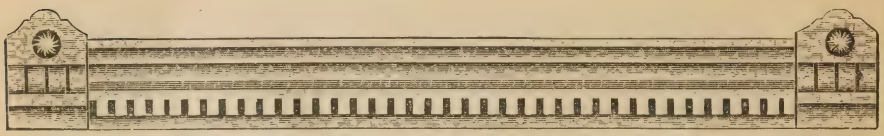


Fig. 326

Height 12 in., projection, 10 in., price, per ft..... $0.56
End Blocks, each..... 3.00

Fig. 327

Height 18 in., projection, 10 in., price, per ft..... $0.62
End Blocks, each..... 3.50

Fig. 328

Height 18 in., projection, 10 in., price, per ft..... $0.60
End Blocks, each..... 3.50

Discount .....
Crating Extra at Cost

Galvanized Steel Cornices

Fig. 234

Height, 20 in., projection, 8 in., price per lineal ft.....$0.75
End Truss, each..... 3.60
Urns, each 1.60

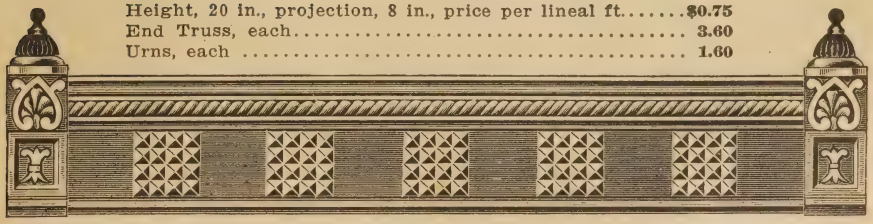


Fig. 235

Height, 26 in., projection, 8 in., price per lineal ft.....$0.85
End Truss, each..... 3.60
Urns, each 2.40

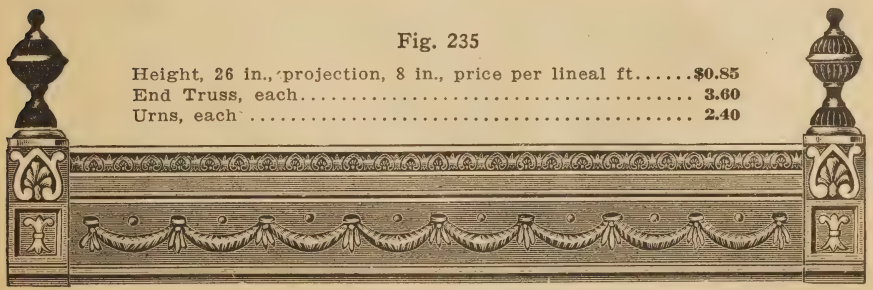
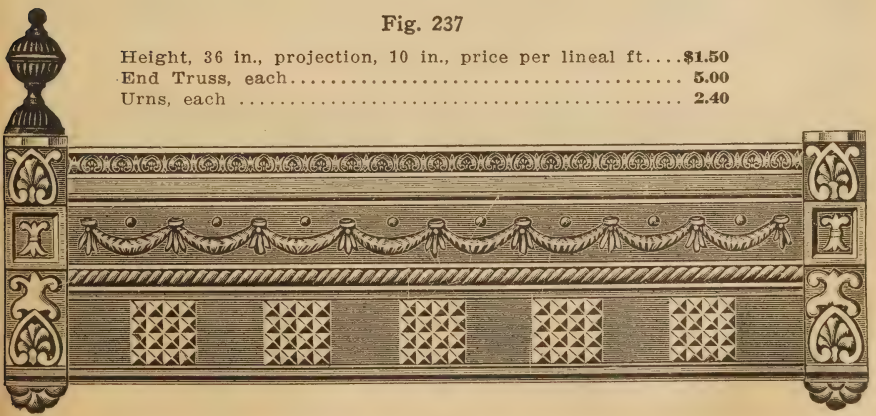


Fig. 237

Height, 36 in., projection, 10 in., price per lineal ft....$1.50
End Truss, each..... 5.00
Urns, each 2.40



Discount .....
Crating Extra at Cost

Galvanized Steel Cornices

Fig. 233

Height, 26 in., Projection, 12 in., price per lineal ft.... **$0.90**
End Truss, each..... **3.60**
Urns, each **2.40**

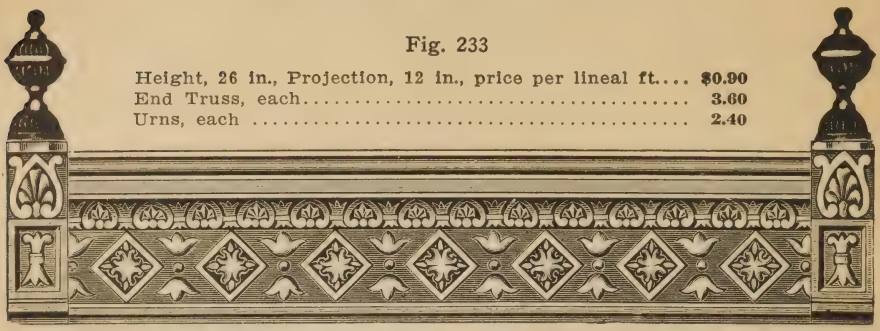


Fig. 236

Height, 28 in., projection, 10 in., price per lineal ft..... **$1.00**
End Truss, each..... **3.60**
Urns, each **2.40**

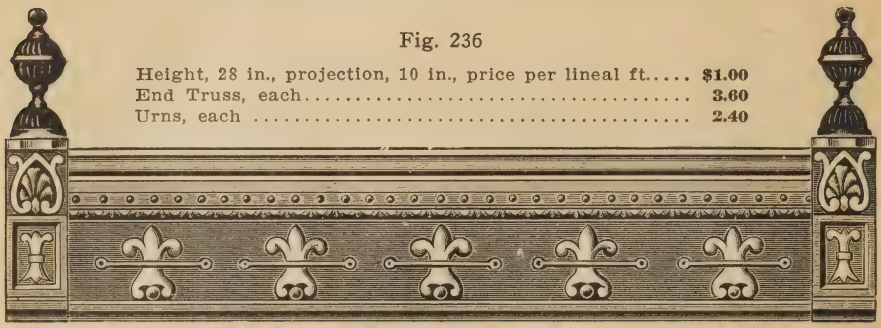
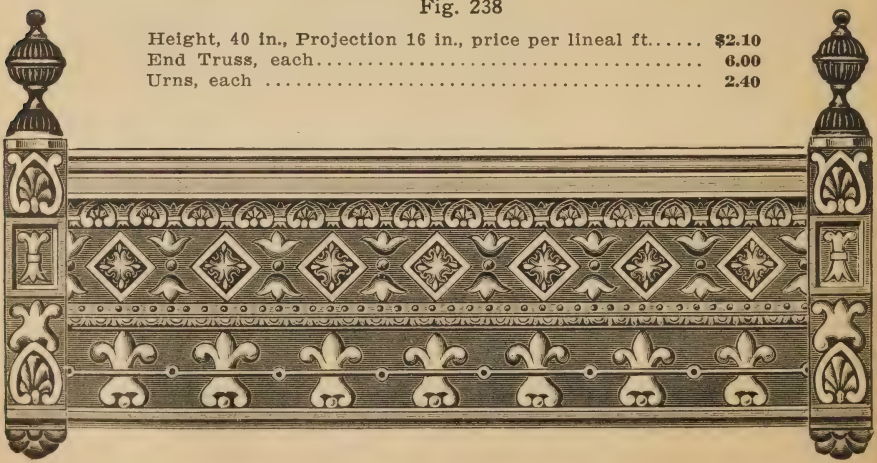


Fig. 238

Height, 40 in., Projection 16 in., price per lineal ft..... **$2.10**
End Truss, each..... **6.00**
Urns, each **2.40**



Discount .....
Crating Extra at Cost

Galvanized Steel Cornices

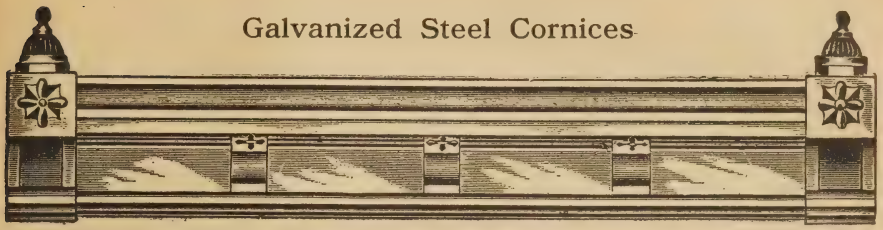


Fig. 96

Height, 24 in., projection, 12 in, price per lineal ft.....**$1.00**
End Trusses, each..... **5.00**
Urns, each **1.60**

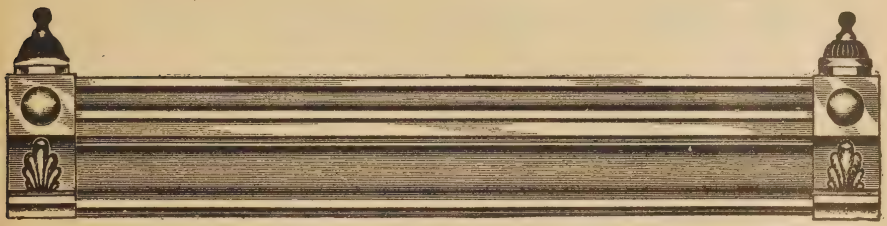


Fig. 97

Height, 24 in., projection, 12 in., price per lineal ft.....**$1.00**
End Trusses, each..... **4.80**
Urns, each **1.60**

Fig. 98

Height, 26 in., projection, 12 in., price per lineal ft.....**$1.00**
End Trusses, each..... **5.00**

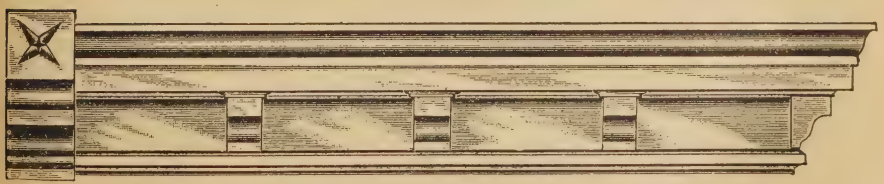


Fig. 99

Height, 26 in., projection, 15 in., price per lineal ft.....**$1.00**
End Trusses, each..... **4.50**

Discount .....
Crating Extra at Cost

Galvanized Steel Cornices

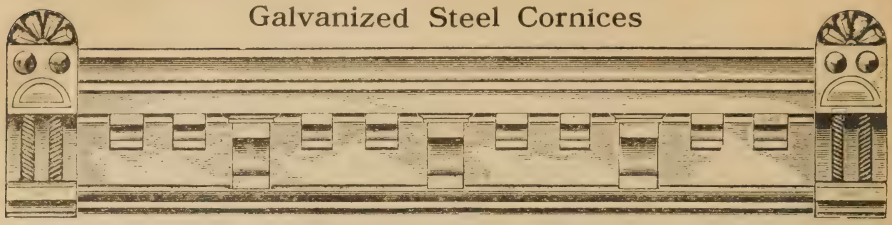


Fig. 100

Height, 28 in., projection, 14 in., price per lineal ft.....**$1.60**
End Trusses, each..... **5.00**

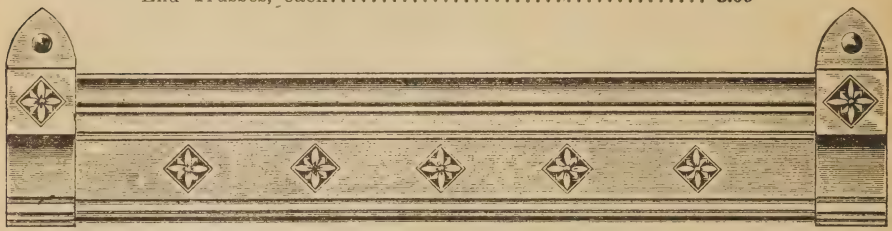


Fig. 101

Height, 26 in., projection, 12 in., price per lineal ft..... **1.00**
End Trusses, each..... **4.75**

Fig. 102

Height, 28 in., projection, 15 in., price per lineal ft.....**$0.90**
End Trusses, each..... **4.50**
Urns, each..... **2.20**

Fig. 103

Height, 20 in., projection, 10 in., price per lineal ft.....**$0.80**
End Trusses, each..... **4.00**
Urns, each..... **2.20**

Discount .....
Crating Extra at Cost

Galvanized Steel Cornices

Fig. 106

Height, 28 in., projection, 15 in., price per lineal ft.....**$1.00**
End Trusses, each..... **4.20**
Urns, each..... **2.40**

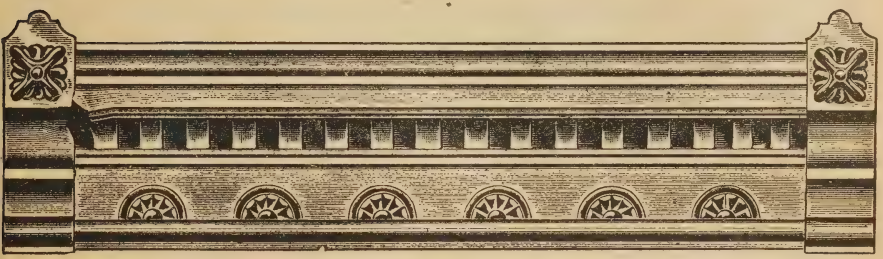


Fig. 105

Height, 36 in., projection, 20 in., price per lineal ft.....**$2.25**
End Trusses, each..... **5.00**

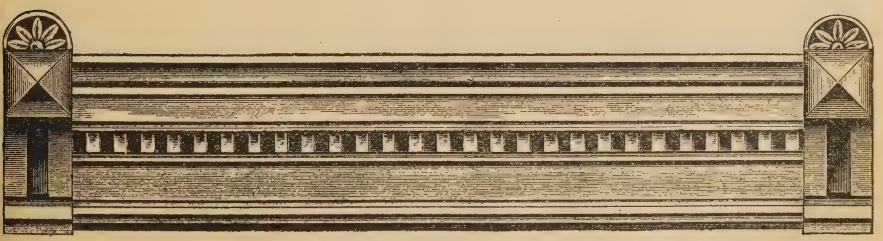


Fig. 107

Height, 30 in., projection, 15 in., price per lineal ft..... **$1.70**
End Trusses, each..... **4.75**

Discount .....
Crating Extra at Cost

Galvanized Steel Cornices

Fig. 425

Height, 28 in., Projection 20 in., price per ft..... **$1.45**
End Trusses, each..... **3.60**
Urns, each **1.60**

Fig. 426

Height, 34 in., Projection 9 in., price per ft..... **$1.50**
End Trusses, each..... **4.50**
Urns, each **2.40**

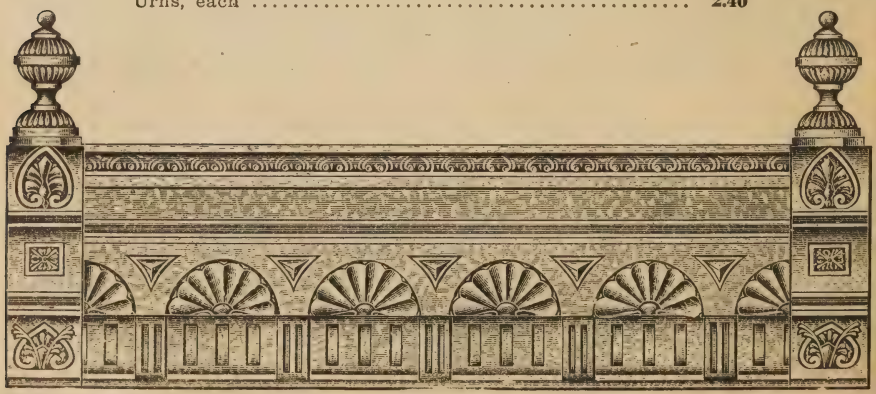


Fig. 427

Height, 44 in., Projection 20 in., price per ft..... **$2.00**
End Trusses, each..... **5.50**
Urns, each **2.40**

Discount .....
Crating Extra at Cost

Galvanized Steel Cornices

Fig. 423

Height, 28 in., Projection 3½ in., price per ft..... $0.90
End Trusses, each..... 3.00
Urns, each 2.40

Fig. 424

Height, 60 in., Projection 11 in., price per ft..... $2.50
End Trusses, each..... 7.50
Urns, each 2.40

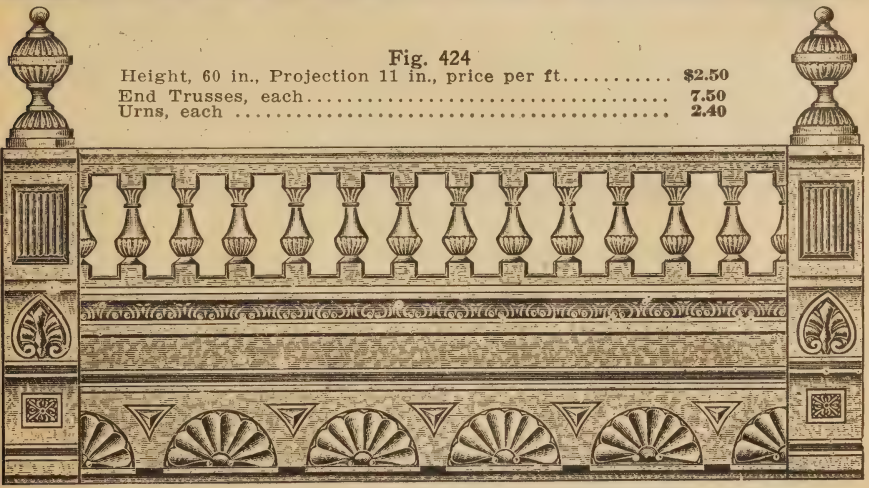
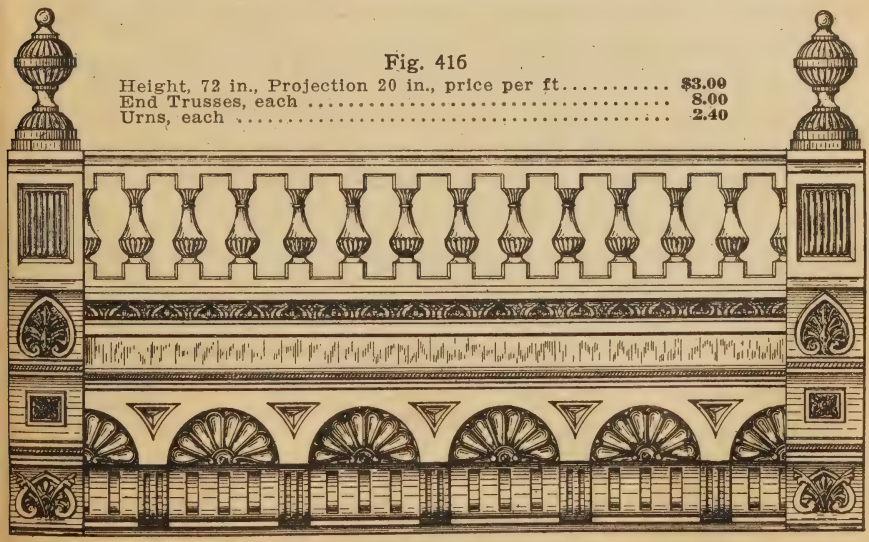


Fig. 416

Height, 72 in., Projection 20 in., price per ft..... $3.00
End Trusses, each 8.00
Urns, each 2.40



Discount .....
Crating Extra at Cost

Galvanized Steel Cornices

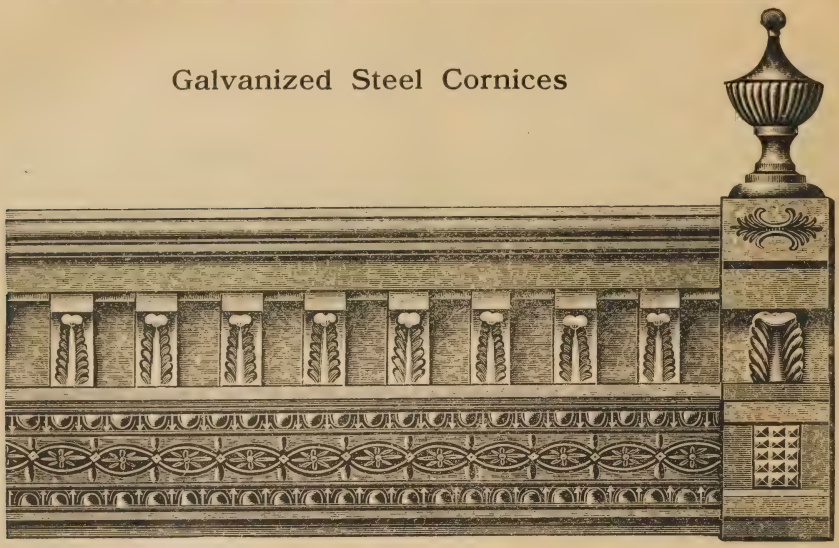


Fig. 213

Height, 48 in., projection, 28 in., price per ft..... **$3.00**
End Trusses, each..... **7.00**
Urns, each..... **5.00**

Urns as shown in Fig. 238 may be used, list each, **$2.40.**

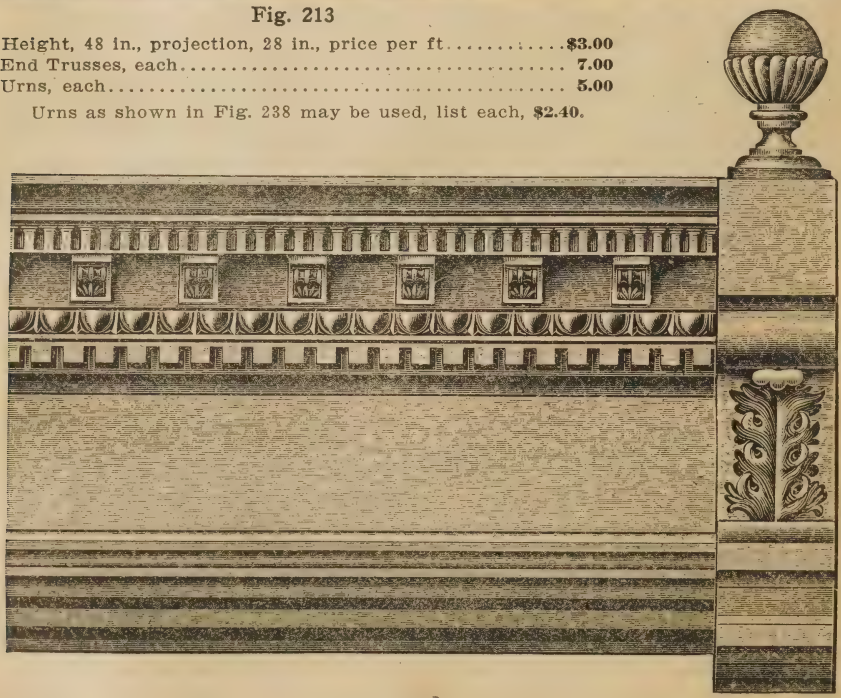


Fig. 214

Height, 52 in., projection, 23 in., price, per ft..... **$3.50**
End Trusses, each..... **8.00**
Urns, each..... **5.00**

Urns as shown in Fig. 238 may be used, list each, **$2.40**

Discount .....

Crating Extra at Cost

Galvanized Steel Cornices

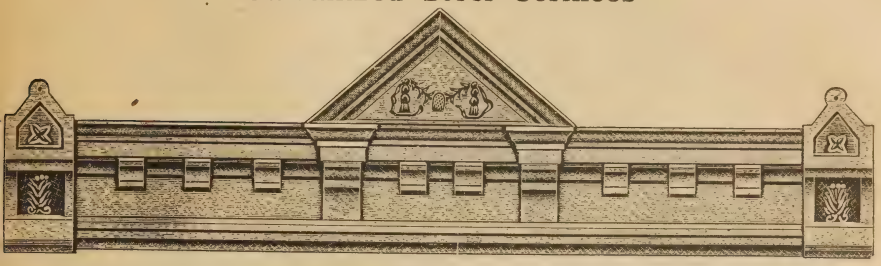


Fig. 210

Cornice, 24 in. high, projection, 10 in., price, per ft.	$ 1.40
End Trusses, each	4.50
Pediments, 2 ft. 6 in. x 5 ft.	6.00

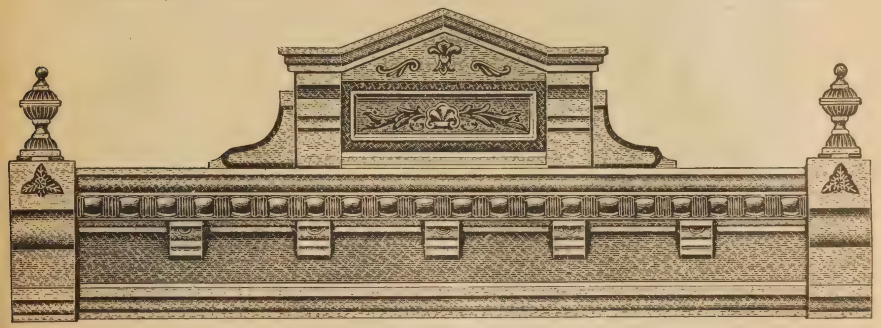


Fig. 211

Cornice, 28 in. high., projection, 14 in., price, per ft.	$ 1.50
End Trusses, each	4.25
Urns, each	2.40
Pediment, 3 ft. x 8 ft. 6 in., each	16.25

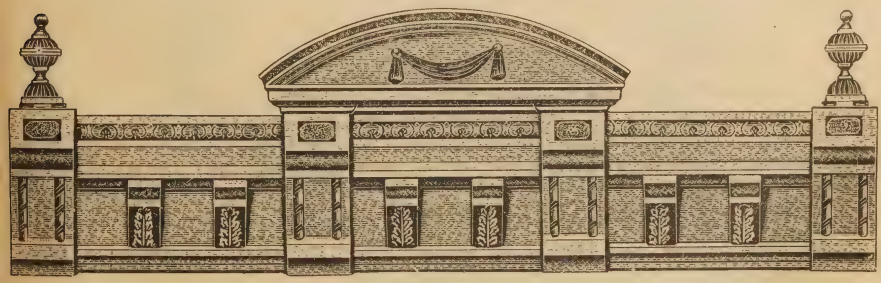


Fig. 212

Cornice, 30 in. high., projection, 12 in., price per ft.	$ 1.25
End Trusses, each	4.50
Urns, each	2.40
Pediment, 2 ft. x 6 ft., each	12.00

Discount .....
Crating Extra at Cost

Galvanized Steel Cornice Pediments

Fig. 239

Length, 8 ft., height in center, 4 ft. 6 in. ..... $ 20.00

8 in. letters, each..... 70c

Fig. 240

Length 8 ft. 6 in., height in center, 4 ft,..... $ 30.00

8 in. letters, each..... 70c

Discount .....

Crating Extra at Cost

Galvanized Steel Cornice Pediments

Fig. 111

Length, 8 ft. 8 in., height in center, 3 ft. 1 in..... $32.00
8 in. figures, each..... .70

Fig. 112

Length, 8 ft., height in center, 4 ft..... $20.00
Letters, 8 in. each..... .70

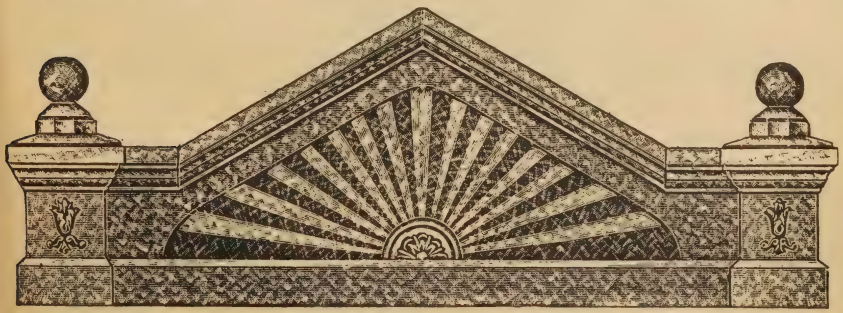


Fig. 113

Length, 9 ft., height in center, 3 ft. 2 in.....$33.60

Discount .....
Crating Extra at Cost

Galvanized Steel Cornice Pediments

Fig. 428

Length, 13 ft. 2 in. over all. Height in center 24 in. List, **$10.00.**
Letters extra

Fig. 429

Length, 13 ft. 2 in. over all. Height in center 56 in. **$16.00** list.
Letters extra

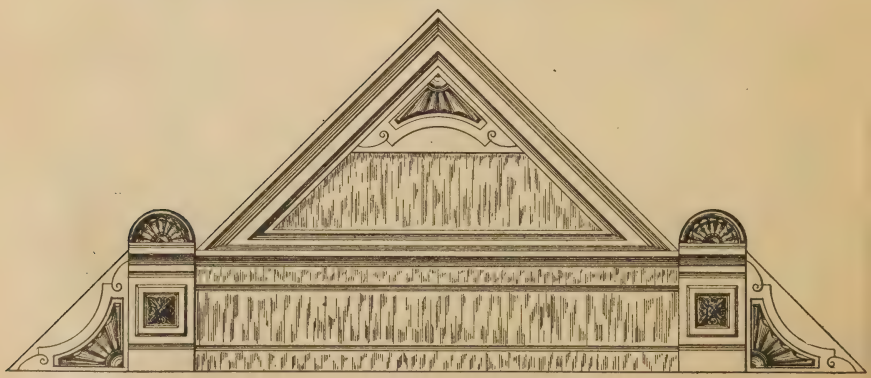


Fig. 415

Length, 13 ft. 2 in. over all. Height in center 72 in.....List **$18.00**

Discount .....
Crating Extra at Cost

Galvanized Steel Window and Door Caps

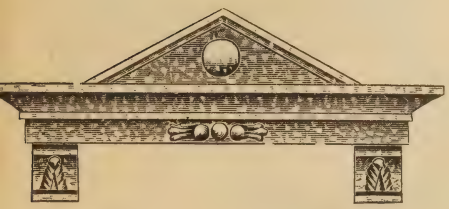


Fig. 114 Price, $4.25

Fig. 121 Price, $5.40

Fig. 115 Price, $4.25

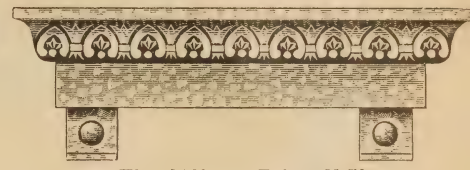


Fig. 3160 Price, $3.50

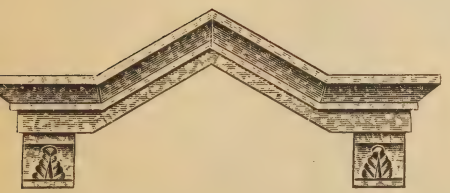


Fig. 126 Price, $4.50

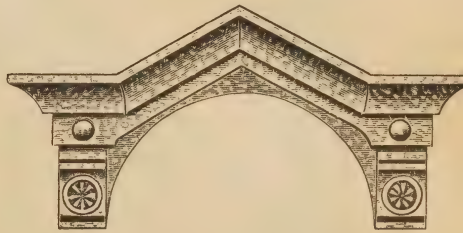


Fig. 116 Price, $5.40

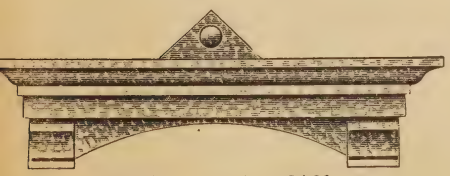


Fig. 117 Price, $4.00

Fig. 120 Price, $4.50

Discount .... Per Cent Crating Extra at Cost

Galvanized Steel Window and Door Caps

Fig. 124 Price, $4.30

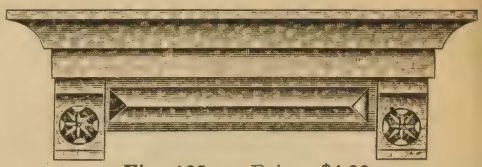


Fig. 125 Price, $4.00

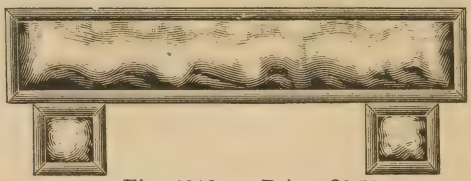


Fig. 3012 Price, $2.50

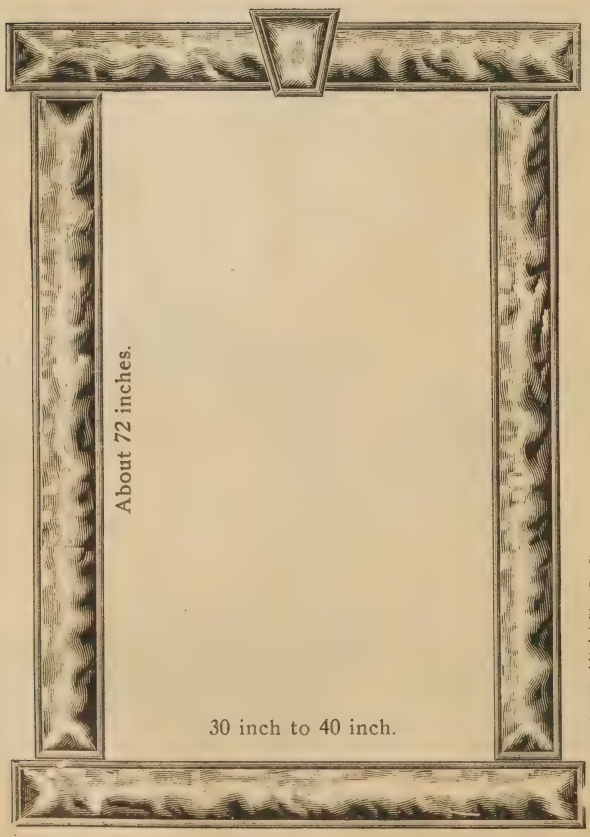


Fig. 464

Complete Metal Window Finish

Fig. 464 illustrates Window Cap, Window Sill and Casings in a Rock-Faced Pattern. This makes a very ornamental finish at a low cost and works in very nicely with our various patterns of metal sidings.

Can be made to suit any size window. In ordering give width and height of opening, also projection, if any, for sill or cap.

Price, dimensions in cut..... .....$4.35 each

Gable Ornaments

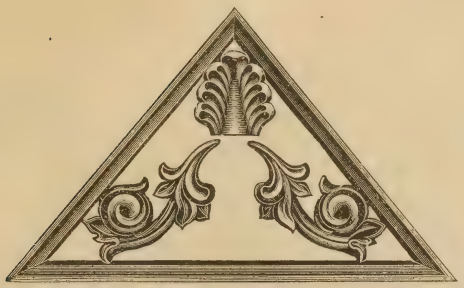


Fig. 430

31 in. wide..... $ 3.60 each

Fig. 431

68 in. wide..... $ 9.30 each

These Gable Ornaments can be made any other size desired, at proportionate price.

Discount ..... per cent **Crating Extra at Cost**

Gable Ornaments

Fig. 432

50 in. wide..... $ 4.80 each

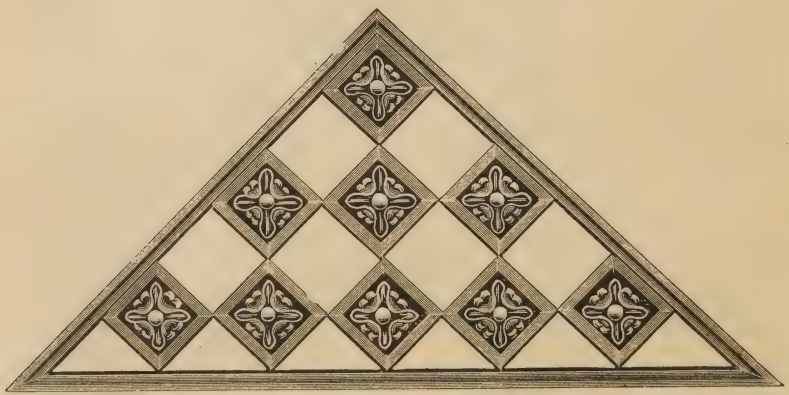


Fig. 433

60 in. wide..... $ 4.25 each

These Gable Ornaments can be made any other size desired, at proportionate price

Discount .... Per Cent **Crating Extra at Cost**

Hip Terminals

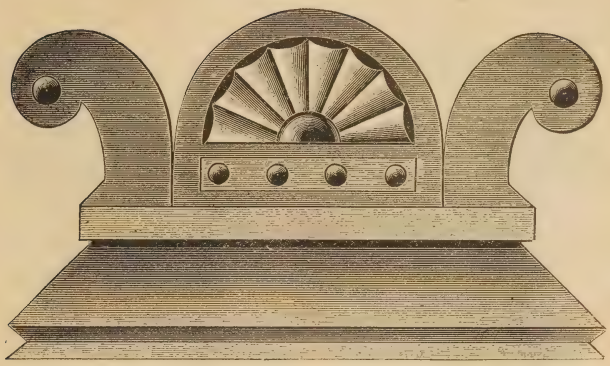


Fig. 434

36 in. long x 24 in. high ..... $ 10.00 each

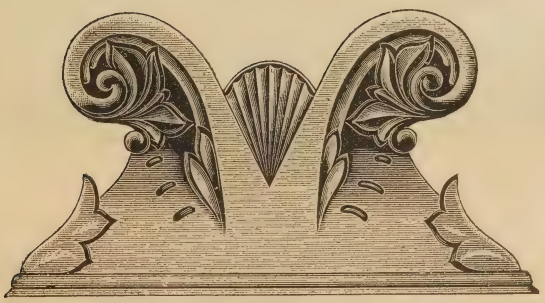


Fig. 435

24 in. long x 17 in. high ..... **$ 12.00** each
Other sizes special price

Crating Extra at Cost

Hip Terminal

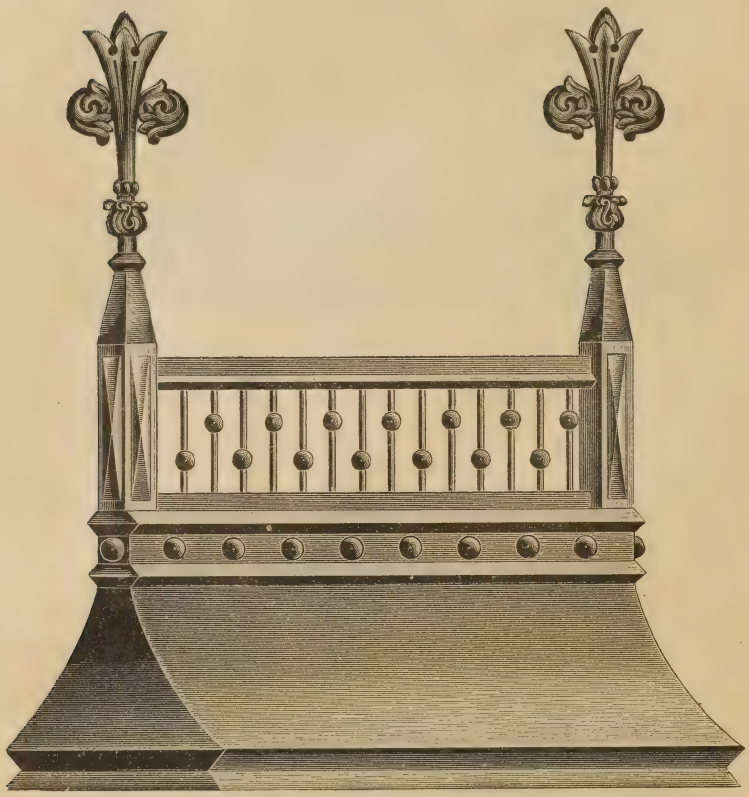


Fig. 436

6 ft. long; 8 ft. high to top of finials

$40.00 each

Other sizes special price

Crating Extra at Cost

Single Corrugated Shutter

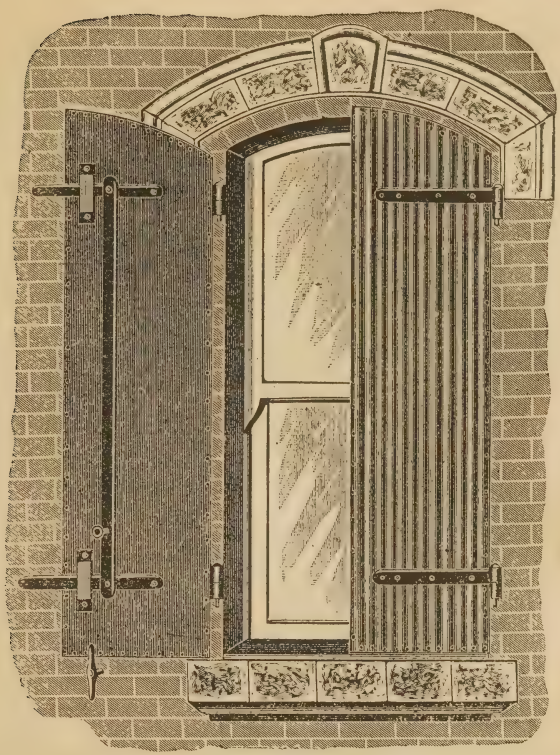


Fig. 175

The above cut shows our new Single Corrugated Shutter as it appears on the building. This shutter has an air chamber between the flat and corrugated sheet which prevents it from heating through and warping in case of fire.

Our method of fastening makes them also burglar proof.

We can recommend them very highly for all kinds of shutter work. Send for prices.

Corrugated Shutters

Fig. 176

Cut shows Corrugated Shutter made from two sheets 1¼ in. corrugated iron. The sheets are put together, leaving an air space between the corrugations, thus forming an additional fire protection and making a shutter which is superior to the single sheet construction. It is very generally adopted by the Board of Underwriters throughout the country.

Fire Shutter

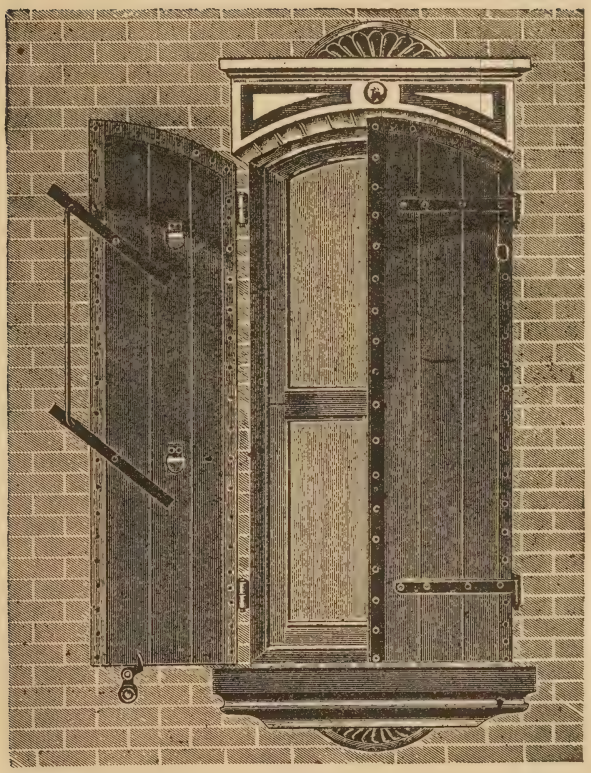


Fig. 399

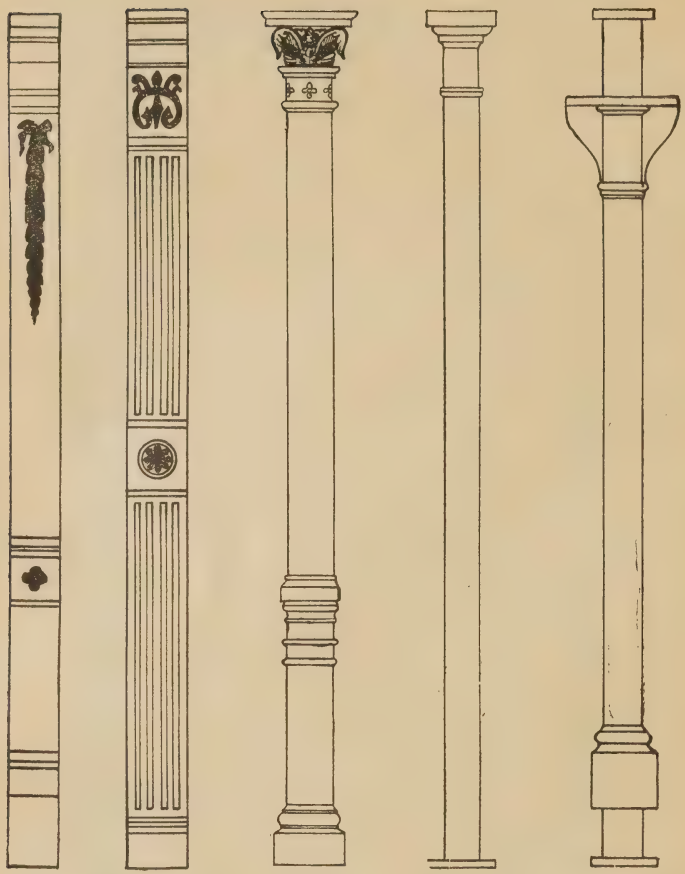
This cut shows our Wood Shutter, covered with Painted or Galvanized Iron or Tin as preferred.

The wood frame is composed of two thicknesses of boards nailed together diagonally, and then covered. This makes a strong, durable and low-priced shutter, accepted by any Board of Underwriters.

PARTIES ordering fronts by mail, or seeking information as to cost of same, will save trouble and time of writing to them for further information, if they will closely observe the following directions: Make a simple sketch of the ground plan of front as shown herewith, giving position of each column, whether square or round, and mark the distance as indicated. If intermediate columns are round, state whether the doors are hung in line with the show windows, or whether they are to be recessed. If party walls are to be used, it would be well to mention it and give particulars. Give all measurements and locations as you stand on the **outside** of the building, looking **towards** it. The sketches are given merely as a guide, one showing four front openings, the other three openings and one side door. We can make as many or as few openings as desired, but we **must** know how many openings there are to be, for what purpose each is to be used, and the size of each; we must also know the height of the story in the clear between floor and ceiling. Parties should also state whether projections forming the cap and base of the outside columns are to be returned around side of column, or whether they are to be cut off flush with their own building line. A strict observance of these directions will enable us to thoroughly understand any order that you may send us.

Fig. 1138

Fig. 1139



3066 3067 3068 3069 3070

Columns Nos. 3066 and 3067 can be made any width, depth or height; they can be made angle or box or square, as desired.

Columns Nos. 3068, 3069, 3070, are round but can be made any height or diameter.

Column No. 3070 is used only for interior work and shows brackets for carrying girders and connecting flanges between floors.

You are not limited to these designs. When ordering give all dimensions.

Galvanized Sheet Steel Building Fronts

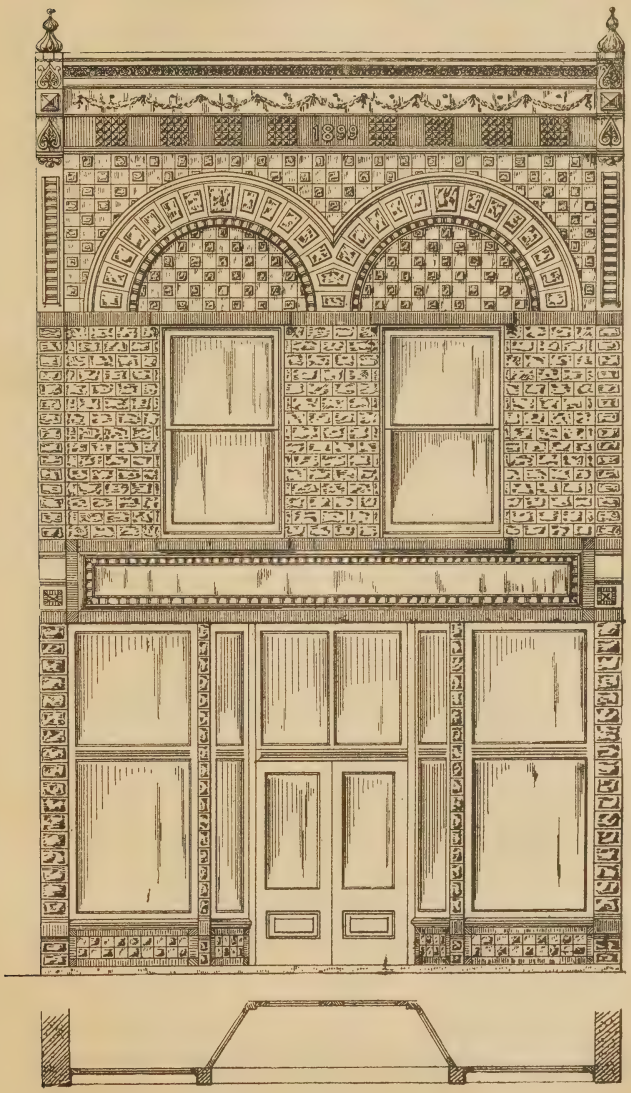


Fig. 375

25 ft. Front Galvanized Work only, list.....$180.00

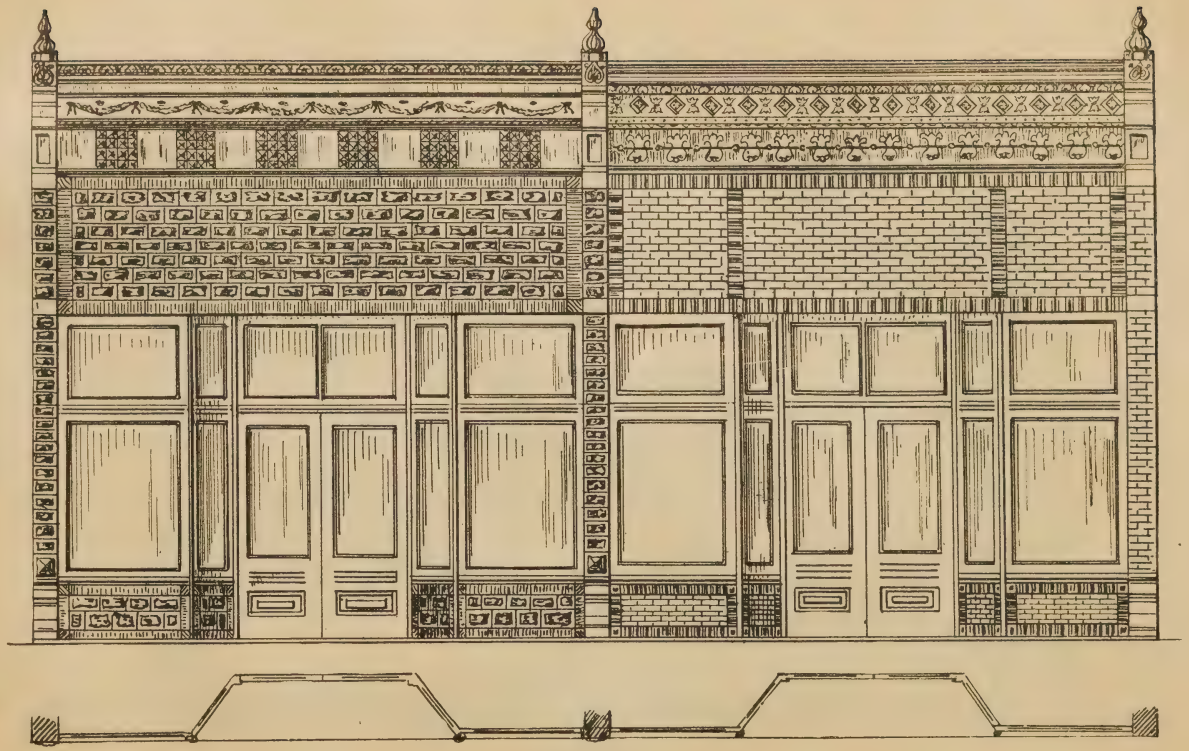


Fig. 373

Right Hand
25 ft. Front, Galvanized Work only, list..**$90.00**

Left Hand
25 ft. Front, Galvanized Work only, list..**$110.00**

Crating Extra

Fig. 4018

25 ft. Front, Galvanized Work only, list..... $ 79.50

Discount

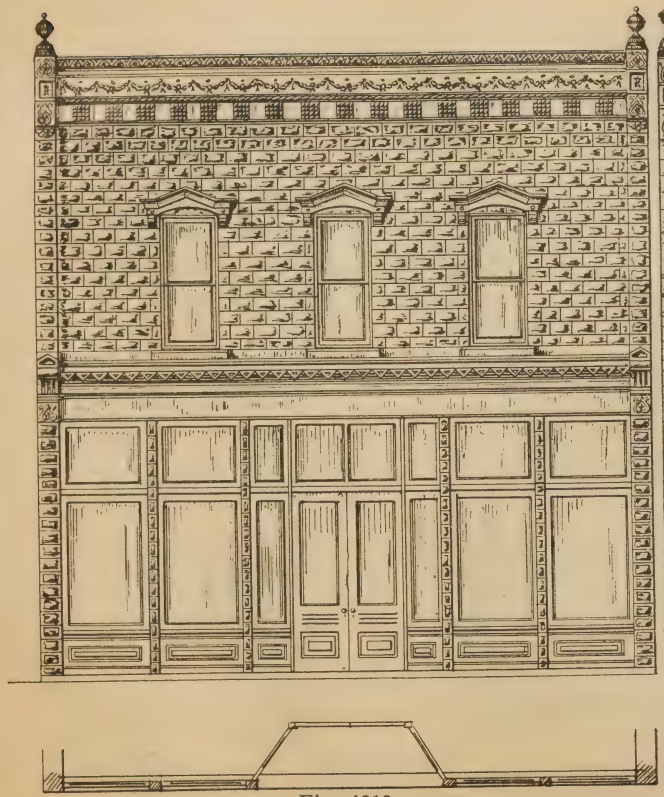


Fig. 4010

25 ft. Front, Galvanized Work only, list..... $160.00

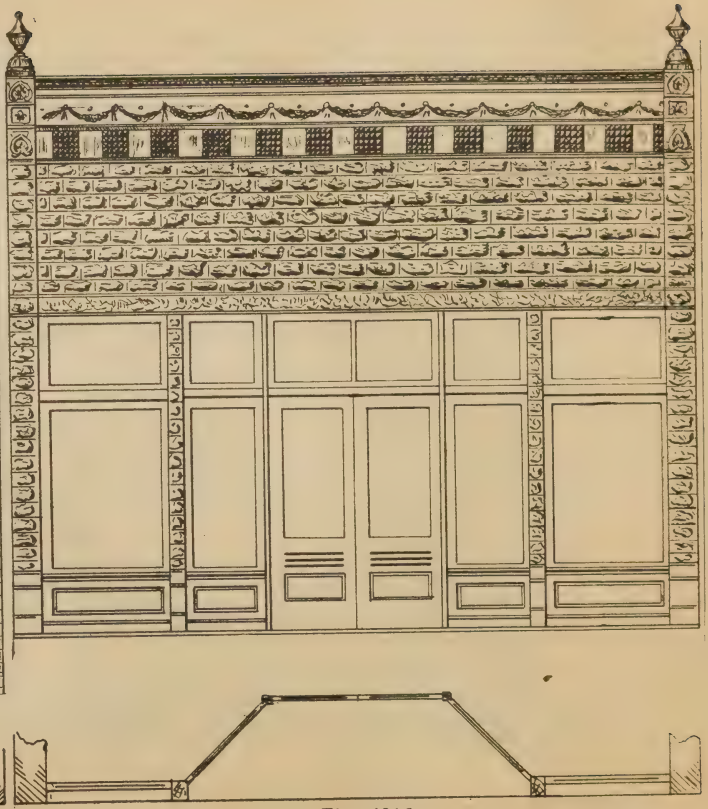


Fig. 4016

20 ft. Front, Galvanized Work only, list.....$ 75.00
25 ft. Front, Galvanized Work only, list..... 90.00

"Universal" Cast Iron Conductor Connections and Boots

Patent Applied for.

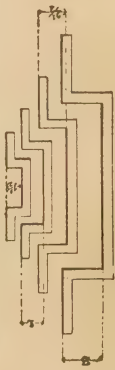
ROUND
onnection Boot

CORRUGATED
Connection Boot

SQUARE
Connection Boot

End view of Brackets, 1½, 2, 2½ and 3 in. from wall.

Give size preferred with each order.



No. H	G	D	C	F	E	Descriptive

Fig. 3140

For other standard lengths figure same rate per ft. plus 20 per cent for alteration of patterns.

	No. H. & G. each	No. D. & C. each	No. F. & E. each
3 in	$3.20	$3.40	$3.60 size 2⅜ x 3¼ in.
4 in	4.00	4.20	4.40 size 2¾ x 4¼ in.
5 in	4.70	5.20	5.40 size 3¾ x 5 in.
6 in	6.00	6.20	6.40 size 5 x 6 in.

The sizes mentioned are the sizes of standard galvanized conductors that fit into these cast connections at bottom of tapered bell. There is ¼ in. clearance all around at top of tapered bell.

Notice the improvement over the old style ears that break off. See the wall brackets that are placed on your wall with expansion bolts or the like, and the convenience of simply hanging your connections in place, and its being easily removed for cleaning, etc., also that you can place them as far away from the wall as you desire by our inexpensive wall brackets to suit.

We furnish 1½ in. wall brackets when not otherwise specified, or your choice of any one of the other sizes. One man erects these goods in as little time as two men other kinds, therefore the saving of labor pays for the goods.

For further particulars and discounts, write to us.

Anchors

Fig. No. 1140

Fig. No. 1141

Fig. No. 1142

Hinge Eyes

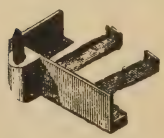


Fig. No. 1143

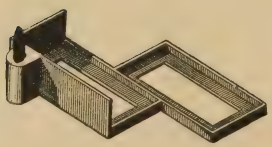


Fig. No. 1144

Stairs

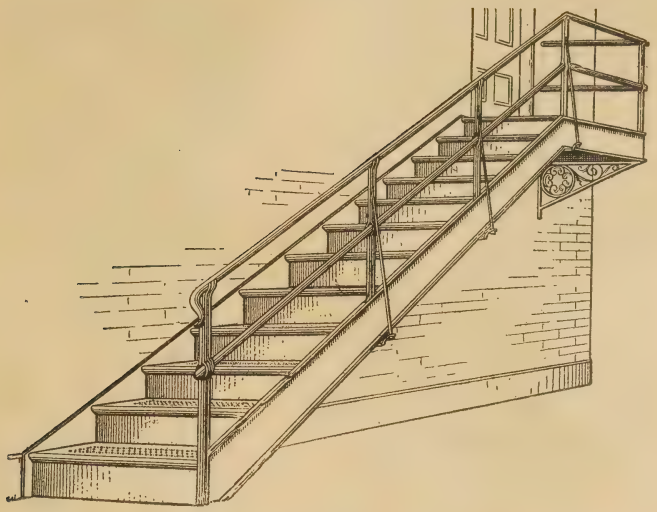


Fig. 3065

Sidewalk Doors

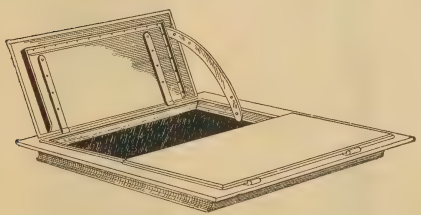


Fig. 3010

Area Grating

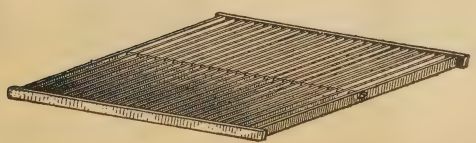
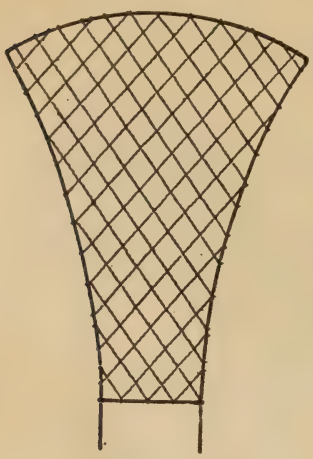
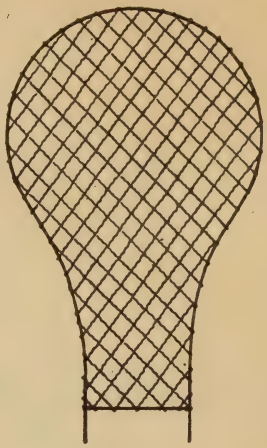


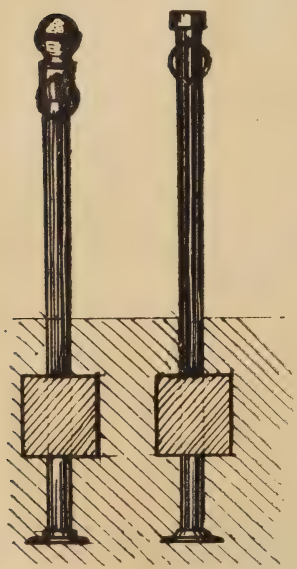
Fig. 3085



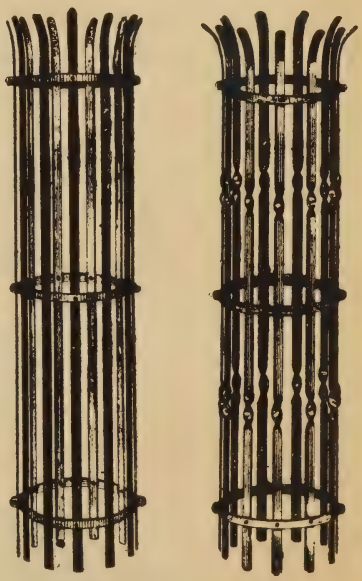
No. 26
WIRE TRAINER
Fig. 3150



No. 31
WIRE TRAINER
Fig. 3151



No. 1 No. 2
HITCHING POSTS
Fig. 3152



No. 2 No. 1
WROUGHT IRON TREE BOXES
Fig. 3153

Crimped Wire Window Guards

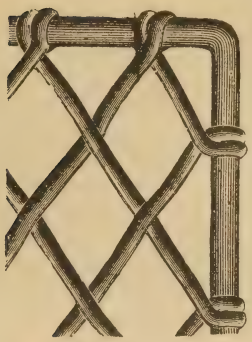


Fig. 493
Wire Guard with Round Iron Frame

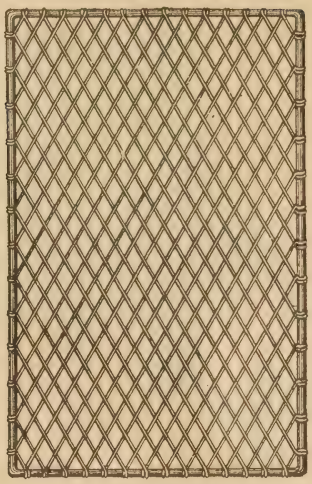


Fig. 494
Wire Guard for Window with Round Iron Frame

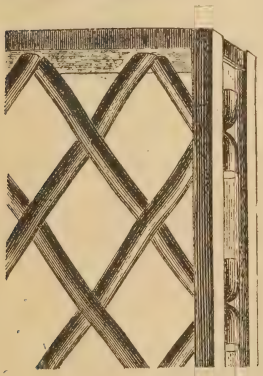


Fig. 495
Channel Iron Guard

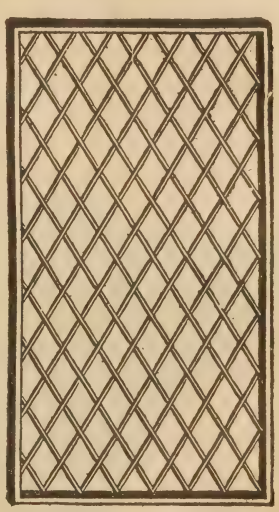


Fig. 496
Wire Guard for Window with Channel Iron Frame

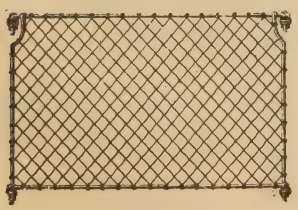
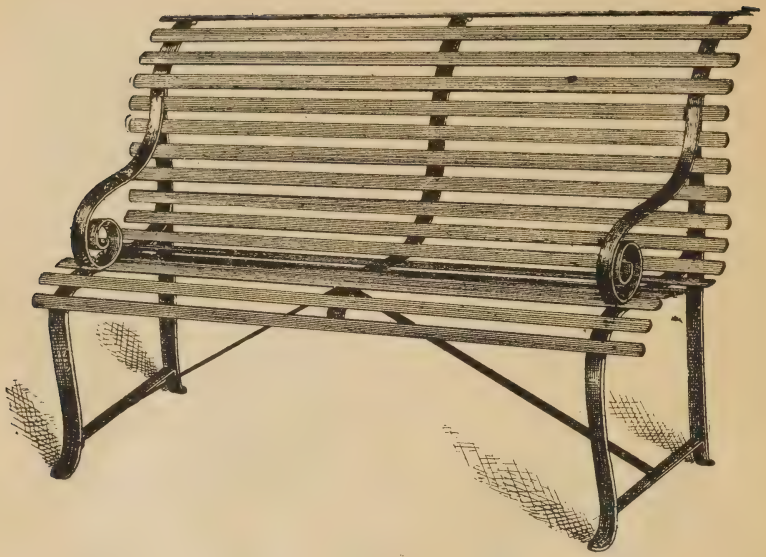


Fig. 497
Wire Guard for Window

In ordering state which dimension is the height, and give outside dimensions of guards. No guard figured at less than six sq. ft.

Steel Park Settee



No. 3141

Wire Skylight Guard

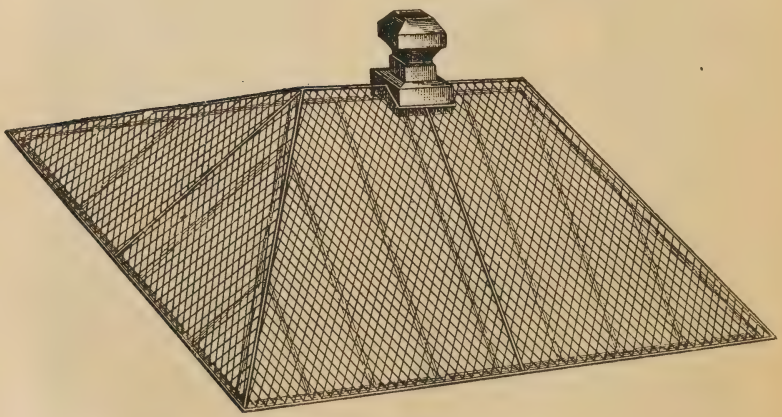


Fig. 3142

Give size and mesh of wire wanted. These guards are made to suit skylights of all kinds. Single or double Pitch Hipped or Turret Skylight.

The demand for a good GENUINE CHARCOAL IRON TERNE PLATE is so urgent that at considerable expense we have added the following to our stock:

GENUINE CHARCOAL IRON TERNE PLATES

IC 20 x 28	10 lb. Coating
IX 20 x 28	10 lb. Coating
IC 20 x 28	15 lb. Coating
IX 20 x 28	15 lb. Coating
IC 20 x 28	20 lb. Coating
IX 20 x 28	20 lb. Coating
IC 20 x 28	25 lb. Coating
IX 20 x 28	25 lb. Coating
IC 20 x 28	40 lb. Coating
IX 20 x 28	40 lb. Coating

BRIGHT COKE PLATES

IC 20 x 28
IX 20 x 28
IC 20 x 26½
IC 20 x 29½
IC 20 x 32½

Tin Plate Department

ROOFING PLATES

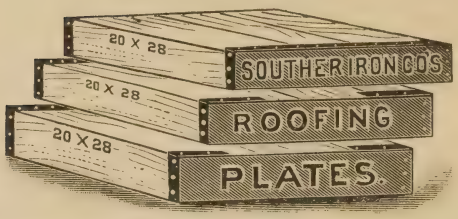


Fig. 3144

Souther's Roofing Plates, with Indian names, have become famous wherever a good plate is used.

Architects may have no fear in specifying these plates, and parties using the plates may be assured of getting the best of their respective grades.

WASTER PLATES

	Weight per box Net Weight.	Including Box.
IC, 20 x 28	216 lbs.	231 lbs.

PONY

A very satisfactory 200-pound prime plate, about 8 lbs. Coating. Stamped.

	Weight per Box. Net Weight.	Including Box.
20 x 28	200 lbs.	215 lbs.

SQUAW

Where a good, full weight 216 lb. plate is wanted, we guarantee same equal to any plate of the same grade on the market. Carries about 10 lbs. coating, and finished by the palm oil process. Stamped and re-squared.

IC, 20 x 28	216 lbs.	231 lbs.

PAPPOOSE

This is our leader, full-weight plate with extra heavy coating. Every sheet stamped and re-squared and fully guaranteed. Imperfect sheets will be replaced if we are notified before plates are used.

IC, 20 x 28	220 lbs.	235 lbs.
IX, 20 x 28	230 lbs.	245 lbs.

AMERICAN OLD STYLE

Carries 20 lbs. coating. Palm oil finish and evenly coated. Has a very good mottle, and we recommend same where a medium grade of old-style tin is wanted. Stamped and re-squared.

IC, 20 x 28	226 lbs.	241 lbs.
IX, 20 x 28	232 lbs.	247 lbs.

Roofing Plates—Continued

SOUTHER'S OLD STYLE

A very nice, evenly coated tin, **every sheet guaranteed.** Coating will run about 25 lbs. to box. Finished by the old method Palm Oil Process, and having a beautiful bright mottled appearance. Stamped and Re-squared.

	Weight Per Box	
	Net Weight	Including Boxes
IC, 20 x 28	231 lbs.	246 lbs.

M. F. TIN

A hand-made plate of the highest grade. Made under the new method which was invented and patented in the United States a few years ago. This process effects an instantaneous setting of the coating mixture, so that the plates get an evenly thick coating from end to end and from side to side. Every sheet is stamped **MF,** and fully guaranteed. Specified by Architects all over the country where a high-grade tin is required. This tin is guaranteed to be equal to any tin on the market

IC, 20 x 28.....
IX, 20 x 28.....

N. & G. TAYLOR'S OLD STYLE TIN

IC, 20 x 28.....
IX, 20 x 28.....

Cost of Tin for Standing Seam Roofing with 20 x 28 Tin

Price per Box.	Cost per Square.	Price per Box.	Cost per Square.	Price per Box.	Cost per Square.
$ 7 00	$ 1 89	$11 50	$ 3 09	$16 00	$ 4 29
7 25	1 95	11 75	3 15	16 25	4 36
7 50	2 02	12 00	3 21	16 50	4 42
7 75	2 08	12 25	3 28	16 75	4 49
8 00	2 15	12 50	3 35	17 00	4 56
8 25	2 21	12 75	3 42	17 25	4 62
8 50	2 28	13 00	3 48	17 50	4 69
8 75	2 34	13 25	3 55	17 75	4 76
9 00	2 41	13 50	3 62	18 00	4 82
9 25	2 47	13 75	3 68	18 25	4 89
9 50	2 55	14 00	3 75	18 50	4 96
9 75	2 61	14 25	3 82	18 75	5 02
10 00	2 68	14 50	3 89	19 00	5 09
10 25	2 74	14 75	3 96	19 25	5 16
10 50	2 82	15 00	4 02	19 50	5 23
10 75	2 88	15 25	4 09	19 75	5 30
11 00	2 95	15 50	4 15	20 00	5 36
11 25	3 02	15 75	4 22		

112 sheets 14 x 20 will cover 174 square feet, allowing 1 inch for cross lock and 1½ inches on one side and 1¼ inches on the other side of the sheet for standing seam.

112 sheets 20 x 28 will cover 373 square feet, making same allowance for lock and seam as above.

65 sheets 14 x 20 or 30½ sheets 20 x 28 cover 100 square feet.

Cost of Tin for Flat Seam Roofing with 20 x 28 Tin

Price per Box.	Cost per Square.	Price per Box.	Cost per Square.	Price per Box.	Cost per Square.
$ 7 00	$ 1 75	$11 50	$ 2 88	$16 00	$ 4 01
7 25	1 81	11 75	2 94	16 25	4 07
7 50	1 88	12 00	3 00	16 50	4 13
7 75	1 95	12 25	3 07	16 75	4 20
8 00	2 01	12 50	3 13	17 00	4 26
8 25	2 07	12 75	3 19	17 25	4 32
8 50	2 13	13 00	3 25	17 50	4 38
8 75	2 20	13 25	3 31	17 75	4 44
9 00	2 26	13 50	3 38	18 00	4 51
9 25	2 32	13 75	3 44	18 25	4 57
9 50	2 38	14 00	3 50	18 50	4 63
9 75	2 45	14 25	3 56	18 75	4 70
10 00	2 51	14 50	3 63	19 00	4 76
10 25	2 57	14 75	3 69	19 25	4 82
10 50	2 63	15 00	3 75	19 50	4 88
10 75	2 70	15 25	3 82	19 75	4 94
11 00	2 76	15 50	3 88	20 00	5 01
11 25	2 82	15 75	3 95		

112 sheets 14 x 20, will cover 192 square feet, allowing 1 inch for lock.

112 sheets 20 x 28, will cover 400 square feet, allowing 1 inch for lock.

59 sheets 14 x 20, or 28 sheets 20 x 28, will cover 100 square feet.

Galvanized Steel

BEST QUALITY

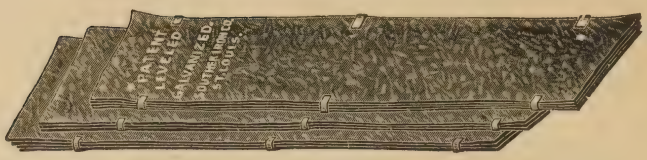


Fig. 286.

STANDARD PRICE LIST

	Price per lb.	Weight per sq. ft. Lbs.	Oz.
No. 10	12c	5.781	92½
No. 12	12c	4.531	72½
No. 14	12c	3.281	52½
No. 16	12c	2.656	42½
No. 18	13c	2.156	34½
No. 20	13c	1.656	26½
No. 22	14c	1.406	22½
No. 24	14c	1.156	18½
No. 25	15c	1.031	16½
No. 26	15c	.906	14½
No. 27	16c	.844	13½
No. 28	17c	.781	12½
No. 29	19c	.719	11½
No. 30	21c	.656	10½

STANDARD SIZES

Gauges Nos. 14 to 28, inclusive, 24, 26, 28 and 30 wide by 72, 84 and 96 in. long.

ADDITIONAL ON EXTRA SIZES

Extra Widths

No. 19 and Lighter—

Less than 24 in. in width..... 1c per pound
Over 32 in. to 36 in. inclusive..... 1c per pound
Over 36 in. to 40 in., inclusive..... 2c per pound
Over 40 in. to 44 in., inclusive..... 2c per pound
Over 44 in. to 48 in., inclusive..... 5c per pound

No. 16, 17 and 18, over 36 in wide, one-half above extras.

EXTRA LENGTHS

Longer than 120 in..... 1c per pound

We also manufacture corrugated sheets in all sizes, and make a specialty of mixed orders for carloads or less.

Sheets crimped crosswise for cornice makers.

Note.—For Table of Weights on Galvanized Iron see last page.

Smooth Soft Sheet Steel

COLD ROLLED

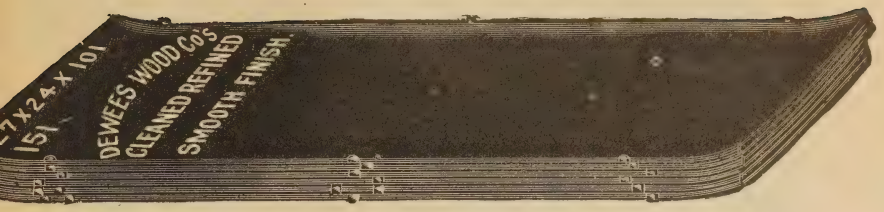


Fig. 201

No. 18, 28 and 30 x 96..per pound....
No. 20, 28 and 30 x 96..per pound....
No. 22, 28 and 30 x 96..per pound....
No. 24, 28 and 30 x 96..per pound....
No. 26, 28 and 30 x 96..per pound....
No. 27, 30 x 96..per pound....
No. 26, 24 x 101..per pound....
No. 27, 24 x 101..per pound....
No. 28, 24 x 101..per pound....

Wood's Refined

APPROXIMATELY UNIFORM COLOR. DARK FINISH

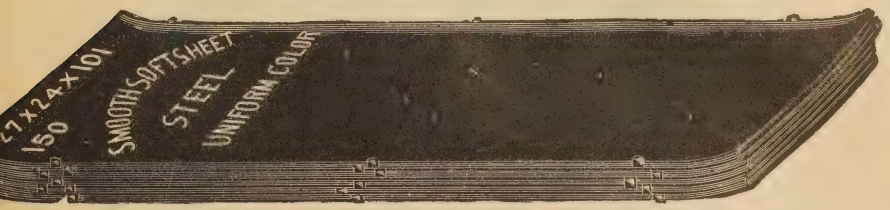


Fig. 200

No. 26, 24 x 101 .....per pound.....
No. 27, 24 x 101 .....per pound.....
No. 28, 24 x 101 .....per pound.....

Wellsville Polished

APPROXIMATELY UNIFORM COLOR. BLUE FINISH.

60 x 28 x No. 26 in 300 lb. packs .....
60 x 28 x No. 27 in 300 lb. packs .....
60 x 28 x No. 28 in 300 lb. packs .....
101 x 24 and 28 x No. 26 in 150 lb. bundles .....
101 x 24 and 28 x No. 27 in 150 lb. bundles .....
101 x 24 and 28 x No. 28 in 150 lb. bundles .....

Planished Sheet Iron

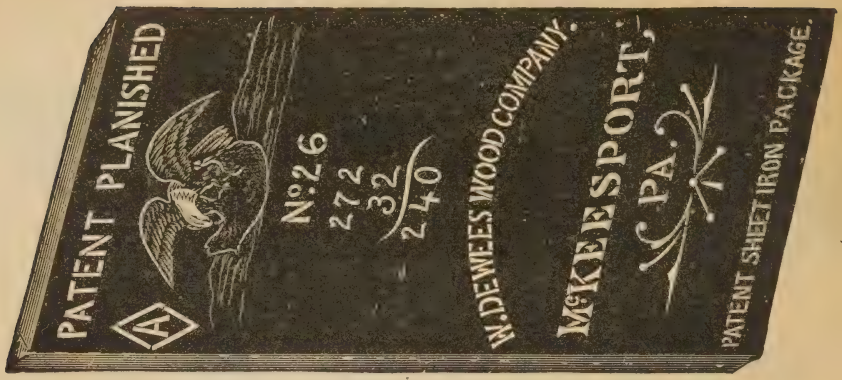


Fig. 197

A. and B. Quality, Nos. 26 and 27
28 x 60 inches

Price per pound.....

Sheet Zinc

No. 9 36 x 84 inches

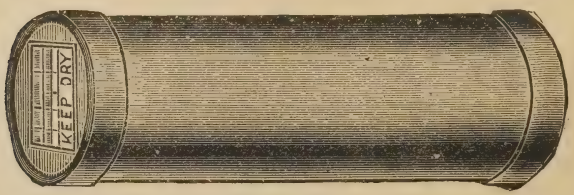


Fig. 198

600 lb. Cask .....per pound.....
250 lb. Cask .....per pound.....
100 lb. Cask .....per pound.....
Sheets .....

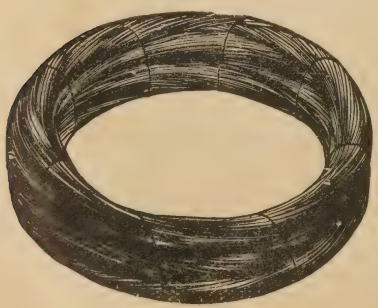


Fig. 199

BRIGHT MARKET WIRE.

No....	6	7	8	9	10	11	12	13	14	15	16
Pound..	10c.				11c.		11½c.	12½c.		14c.	

COPPERED MARKET WIRE.

No....	6	7	8	9	10	11	12	13	14	15	16
Pound..	10c.				11c.		11½c.	12½c.		14c.	

TINNED MARKET WIRE.

No.....	8	9	10	11	12
Pound...					

Solder

Fig. 203

Souther's Warranted .....per lb.....
Strictly .....per lb.....
Standard .....per lb.....

Fig. 3135

Charcoal

We carry best grade Charcoal in barrels or sacks.

Price .....

Soldering Coppers

Price per pound .....

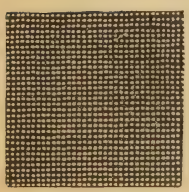


Fig. 503

Brass Wire Strainer Cloth

Rolls 12 in. wide by 5 ft. long

No. 40 Mesh.	12 x 60 inches
No. 50 Mesh.	12 x 60 inches
No. 60 Mesh.	12 x 60 inches

Net Prices of Soft Sheet Copper

Adopted May 24, 1906

SIZE OF SHEETS		64 oz. and over, 50 lb. sheet, 30x60 and heavier	32 oz. to 64 oz., 25 to 50 lb. sheet, 30x60	24 oz. to 32 oz., 18¾ to 25 lb. sheet, 30x60	16 oz. to 24 oz., 12½ to 18¾ lb. sheet, 30x60	14 and 15 oz., 11 to 12½ lb. sheet, 30x60	12 oz. and 13 oz., 9½ to 11 lb. sheet, 30x60	10 oz. and 11 oz., 7¾ to 9½ lb. sheet, 30x60	8 oz. and 9 oz., 6¼ to 7¾ lb. sheet, 30x60	Lighter than 8 oz.
WIDTHS	LENGTHS	CENTS PER POUND ADVANCE OVER BASE PRICE								
Not wider than 30 in.	Not longer than 72 in.	Base	Base	Base	Base	1	2	3	6	9
	Longer than 72 in., not longer than 96 in.	Base	Base	Base	Base	1	3	6	9	
	Longer than 96 in.	Base	Base	Base	Base	2	6			
Wider than 30 in., but not wider than 36 in.	Not longer than 72 in.	Base	Base	Base	Base	2	4	7	10	
	Longer than 72 in., not longer than 96 in.	Base	Base	Base	Base	2	6	9		
	Longer than 96 in., not longer than 120 in.	Base	Base	Base	1	3				
	Longer than 120 in.	Base	Base	1	2					
Wider than 36 in., but not wider than 48 in.	Not longer than 72 in.	Base	Base	1	2	4	7	10		
	Longer than 72 in., not longer than 96 in.	Base	Base	1	3	5	8			
	Longer than 96 in., not longer than 120 in.	Base	Base	2	4	8				
	Longer than 120 in.	Base	1	3	6					
Wider than 48 in., but not wider than 60 in.	Not longer than 72 in.	Base	Base	1	3	6	11			
	Longer than 72 in., not longer than 96 in.	Base	Base	2	4	9				
	Longer than 96 in., not longer than 120 in.	Base	1	3	6					
	Longer than 120 in.	1	2	4	8					
Wider than 60 in., but not wider than 72 in.	Not longer than 96 in.	Base	1	3	8					
	Longer than 96 in., not longer than 120 in.	Base	2	5	10					
	Longer than 120 in.	1	3	8						
Wider than 72 in., but not wider than 108 in.	Not longer than 96 in.	1	3	6						
	Longer than 96 in., not longer than 120 in.	2	4	7						
	Longer than 120 in.	3	5	9						
Wider than 108 in.	Not longer than 132 in.	4	6							
	Longer than 132 in.	5	8							

The longest dimensions in any sheet shall be considered as its length

Sheet Copper

EXTRAS

Circles, Segments and Pattern Sheets, three (3) cents per pound advance over prices of Sheet Copper required to cut them from.

All Cold or Hard Rolled Copper, 14 oz. per square foot and heavier one (1) cent per pound over the foregoing prices.

All Cold or Hard Rolled Copper, lighter than 14 oz. per square foot, two (2) cents per pound over the foregoing prices.

Cold Rolled and Annealed Copper Sheets and Circles, wider than 17 in., take the same price as Cold or Hard Rolled Copper of corresponding dimensions and thickness.

All Polished Copper, 20 in. wide and under, one (1) cent per pound advance over the price for Cold Rolled Copper.

All Polished Copper, over 20 in. wide, two (2) cents per pound advance over the price for Cold Rolled Copper.

Cold Rolled Copper, prepared suitable for polishing, same prices and extras as Polished Copper.

Tinning

Tinning Sheets, on one side, all sizes, per square foot, 3½c
For tinning both sides, double the above prices

For tinning circles and segments, price is 3½c per square foot upon the square of the circle, **i. e.,** a 12 in. circle is considered one square foot.

For tinning the edges of sheets, one or both sides, price shall be the same as for tinning all of one side of the specified sheet.

Copper Bottom, Pits and Flats

14 oz. to square foot and heavier, base plus	4c per lb.
12 oz. and up to 14 oz. to square foot, base plus	5c per lb.
10 oz. and up to 12 oz., base plus	7c per lb.
Lighter than 10 oz., base plus	10c per lb.

Circles less than 8 in. diam., 2c per lb. additional.

Circles over 13 in. diam. are not classed as Copper Bottoms.

Polished Copper Bottoms and Flats, 1c per lb. extra.

Galvanized Iron Wall Ties

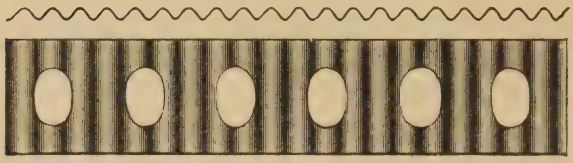


Fig. 3050

List Price per 1000.....

Cambridge Rigid Reversible Metal Lath

Fig. 3051

We offer this lath for uses requiring the greatest possible degree of rigidity.

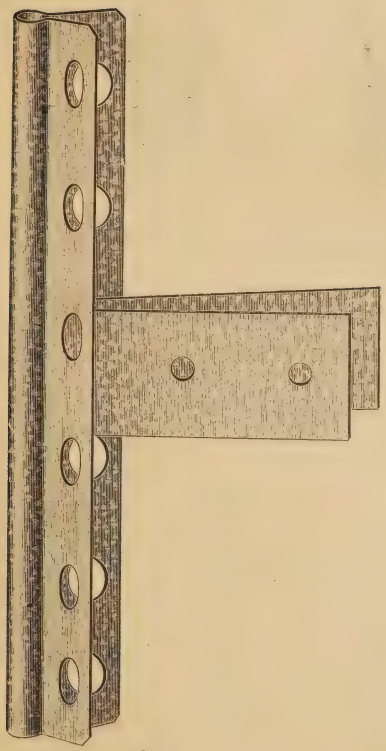
Size of sheet, 24 x 96 in. Made in gauges 27, 28 and 29.

Price on application

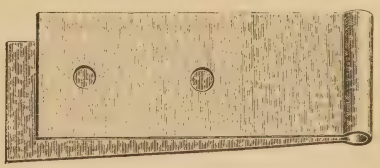
Metal Corner Bead

No. 1. Clip for holding the Bead.
No. 2. The Bead not engaged.
No. 3. The Bead ready to erect.

No. 2
Fig. 3052



No. 3
Fig. 3054



No. 1
Fig. 3053

A perfect protection to plastered corners.
Easily and quickly applied.
The plaster cannot be detached by ordinary causes.
Is adjustable to any ground.

Write for particulars and prices

Black and Tinned Rivets

PRICE LIST

Tinner's Rivets—Flat Head

In Packages of 1000. Price per 1000			In Bulk. Price per Pound	
SIZE	BLACK	METALIC TINNED	BLACK	METALIC TINNED
8 oz.	.20	.28	.42	.43
10 oz.	.22	.31	.38	.41½
12 oz.	.24	.35	.35	.38½
14 oz.	.26	.39	.33	.36½
1 lb.	.27	.42	.30	.33½
1¼ lb.	.29	.48	.27	.30½
1½ lb.	.33	.55	.26	.29½
1¾ lb.	.37	.64	.25	.28½
2 lb.	.42	.72	.24	.27½
2½ lb.	.55	.83	.24	.27½
3 lb.	.60	1.05	.23	.26½
3½ lb.	.70	1.22	.23	.26½
4 lb.	.76	1.36	.22	.25½
5 lb.	.90	1.65	.22	.25½
6 lb.	1.08	1.98	.21	.24½
7 lb.	1.26	2.31	.21	.24½
8 lb.	1.44	2.64	.21	.24½
9 lb.	1.53	2 88	.21	.24½
10 lb.	1.75	3.25	.20	.23½
12 lb.	1.96	3.76	.19½	.23
14 lb.	2 31	4.41	.19½	.23
16 lb.	2.64	5.04	.19½	.23

LIST EXTRAS—For Oval or Countersunk Heads, Shoulder and Pointed, or Extra Length Rivets, add **10c** per M to List Price for each specialty.

LIST REBATES—For 25 and 50 lb. boxes, deduct **2c**, and for 100 and 200 lb. kegs, deduct **4c** per lb. from List Price.

Stove Bolts

Round Head

List of Dec. 28, 1899

Price per 100

Length	7/16 Inch	7/32 & 1/4 In.	5/16 Inch	3/8 Inch
3/8 in.	$0.85			
1/2 in.	.85	$1.00		
5/8 in.	.85	1.00		
3/4 in.	.85	1.00	$1.55	$2.65
7/8 in.	.90	1.05	1.60	2.70
1 in.	.90	1.05	1.65	2.75
1 1/8 in.	.95	1.10	1.70	2.80
1 1/4 in.	.95	1.10	1.75	2.85
1 3/8 in.	1.00	1.15	1.80	2.90
1 1/2 in.	1.00	1.15	1.85	2.95
1 3/4 in.	1.05	1.20	1.95	3.05
2 in.	1.10	1.25	2.05	3.20
2 1/4 in.	1.15	1.30	2.15	3.35
2 1/2 in.	1.20	1.35	2.25	3.50
2 3/4 in.	1.25	1.40	2.35	3.65
3 in.	1.30	1.45	2.45	3.80
3 1/4 in.	1.35	1.50	2.55	3.95
3 1/2 in.	1.40	1.55	2.65	4.10
3 3/4 in.	1.45	1.60	2.75	4.25
4 in.	1.50	1.65	2.85	4.40
4 1/4 in.	1.55	1.70	2.95	4.55
4 1/2 in.	1.60	1.75	3.05	4.70
4 3/4 in.	1.65	1.80	3.15	4.85
5 in.	1.70	1.85	3.25	5.00
5 1/4 in.	1.75	1.90	3.35	5.15
5 1/2 in.	1.80	1.95	3.45	5.30
5 3/4 in.	1.85	2.00	3.55	5.45
6 in.	1.90	2.05	3.65	5.60
6 1/4 in.	1.95	2.10	3.75	5.75
6 1/2 in.	2.00	2.15	3.85	5.90

Stove Bolts

Flat Head

List of Dec. 28, 1899

Price per 100

Length	7/16 Inch	7/32 & 1/4 In.	5/16 Inch	3/8 Inch
3/8 in.	$0.75			
1/2 in.	.75	$0.90		
5/8 in.	.75	.90		
3/4 in.	.75	.90	$1.30	$2.50
7/8 in.	.80	.95	1.35	2.55
1 in.	.80	.95	1.40	2.60
1 1/8 in.	.85	1.00	1.45	2.65
1 1/4 in.	.85	1.00	1.50	2.70
1 3/8 in.	.90	1.05	1.60	2.80
1 1/2 in.	.90	1.05	1.70	2.90
1 3/4 in.	.95	1.10	1.80	3.00
2 in.	1.00	1.15	1.90	3.10
2 1/4 in.	1.05	1.20	2.00	3.20
2 1/2 in.	1.10	1.25	2.10	3.30
2 3/4 in.	1.15	1.30	2.20	3.40
3 in.	1.20	1.35	2.30	3.50
3 1/4 in.	1.25	1.40	2.40	3.60
3 1/2 in.	1.30	1.45	2.50	3.70
3 3/4 in.	1.35	1.50	2.60	3.80
4 in.	1.40	1.55	2.70	3.90
4 1/4 in.	1.45	1.60	2.80	4.05
4 1/2 in.	1.50	1.65	2.90	4.20
4 3/4 in.	1.55	1.70	3.00	4.35
5 in.	1.60	1.75	3.10	4.50
5 1/4 in.	1.65	1.80	3.20	4.65
5 1/2 in.	1.70	1.85	3.30	4.80
5 3/4 in.	1.75	1.90	3.40	4.95
6 in.	1.80	1.95	3.50	5.10
6 1/4 in.	1.85	2.00	3.60	5.25
6 1/2 in.	1.90	2.05	3.70	5.40

Fig. 182

Can Screws

	Zinc
½ inch, per gross	$ .85
¾ inch, per gross	.88
1 inch, per gross	1.10
1¼ inch, per gross	1.55
1½ inch, per gross	2.38
2 inch, per gross	3.59

Fig. 183

Tea Pot Knobs

Price per Gross

Large No. 99. Asst. black Enamel, ½ gross to box, per gross..... $ .75

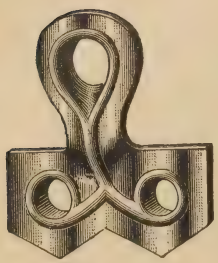


Fig. 193

Berger's Star Ears

Price, in Gross Boxes

Nos.	1	2	3	4	5	6	7
Tinned	44c	59c	73c	95c	$1.17	$1.56	$2.19

For Flaring Pails without Lids ask for Star Beveled Ears. Same sizes and price.

NOTE.—All Star Ears are Counter Sunk for Flush Rivet Heads.

Enameled Pail Woods

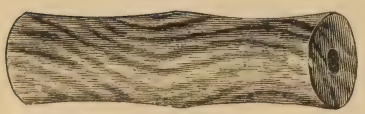


Fig. 194

Inches—	3½
Per gross	$ .55

Plain Pail Woods

Size 3½ in., per box 500..... $ 1.00

Wash Boiler Covers

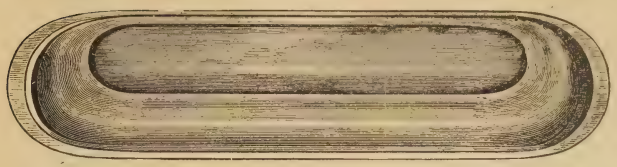


Fig. 504

IC

OVAL RIMMED EASTERN PATTERN

Size 8, 11¾ x 21⅞ in.....90c Dozen

Wash Boiler Covers

IC

Oval Rimmed	ST. LOUIS PATTERN		
Size.....	7	8	9
Inches.....	10 x 20½	11¾ x 23	12½ x 23¾
Prices.....	75c doz.	$1.05 doz	$1.15 doz.

Grooved Boiler Handles

Fig. 505

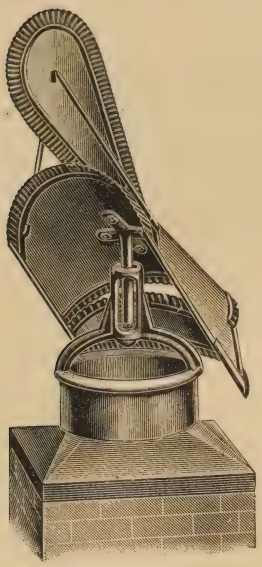
	Jap.	Coppered.
3 inch, Tinned.....	$ 4.92	$ 3.89 per 100.

Fruit Can Tops and Bottoms

1 Quart

Per gross .....$ 1.35

Powers Revolving Chimney Top



Complete with Hood
Fig. 500

Cone and Socket Self Soot Lubricating bearing.
Wire Ring under Lug secures Cover.
Adjustable Brace Holds Cover in place and prevents rubbing on stack.

Mountings Only
Fig. 501

The Powers Automatic Chimney Top and Ventilator is made on scientific and mechanical ideas. All bearing is on pivot next to cover, where the weight is. Brace at the bottom prevents cover rubbing stack. Wind blowing past sides of cover (and not through cover), creates a vacuum, thus increasing the draft.

This cover stops rain, soot and smoke from blowing down the chimney. The Powers is the best braced, most durable, and positively most perfect Chimney Top on the market. They were specified and used on the principal World's Fair buildings. Are used on boats, cars, factories and residences throughout the United States and Canada with universal satisfaction.

PRICE LIST

COMPLETE WITH HOOD				IRON MOUNTINGS ONLY			
6-inch,	per	dozen	$24.00	6-inch,	per	dozen	$13.00
7-inch,	per	dozen	26.00	7-inch,	per	dozen	13.50
8-inch,	per	dozen	28.00	8-inch,	per	dozen	15.00
10-inch,	per	dozen	34.00	10-inch,	per	dozen	18.00
12-inch,	per	dozen	40.00	12-inch,	per	dozen	22.50

Discount ..... Per Cent

Note—In ordering always state whether Tops are wanted, Complete with Hood, or Mountings only. If Iron Mountings are ordered, patterns for Hood and Vane will be forwarded free of charge.

Gem Gasoline Soldering Furnace

The Gem is a noiseless and powerful heater. The heat is distributed the full length of the coppers; the plate on which the coppers rest is but five inches from workman's bench, and the hood opening is of sufficient size to admit the largest sized coppers, which can be readily heated in a short time. It is light and provided with a handle, making it portable.

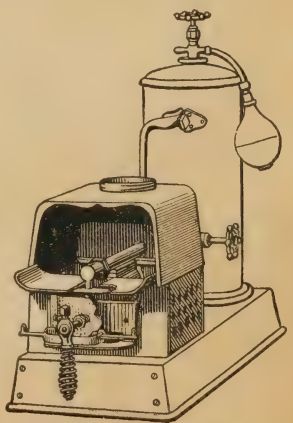
Every furnace is guaranteed to work out of doors or on roofs in all kinds of weather.

The slotted burner is made of cast iron and cannot burn out; no gauze or perforated tin used in its construction. The cylindrical burner is recessed in front and back, which insures durability in hands of rough users, and is so constructed, and the shape is such, that the solder from the soldering coppers cannot fall into the perforations. It is supplied with a fireproof pneumatic reservoir which cannot be filled while burner is in use. It is also provided with a sliding cut-off and drip cup, the knob of which is always cool. The regulating faucet is supplied with an Alaska Handle, which always remains cool. The base on which furnace and reservoir rests is made of heavy refined steel. This not only adds to the appearance of the furnace, but makes it almost indestructible. The air faucets are of peculiar construction, and designed especially for these furnaces.

Gem, with Tin Reservoir.....

Gem, with Copper Reservoir.....

Weight, crated for shipment, 20 lbs.



Gem Furnace
Fig. 502

Write for Prices

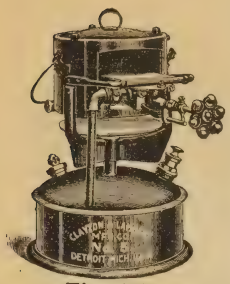


Fig. 512

The No. 5 Fire Pot

Was originally made to supply the demands of the trade who desired a fire pot that could be easily taken out on jobs, and that could be depended on to do the work required. We warrant it to do any work any other make of fire pot will do and do it quicker and better, using less than half the gasoline others do. You will therefore soon save its cost in the saving of gasoline alone. The No. 5 has proven very popular with **metal workers, plumbers and electricians.** The top section can be removed, exposing the open fire, which may be used as a torch or brazing fire.

Price with Galvanized Iron Tank..... **$ 4.50** net
Price with Brass Tank..... **4.50** net

Shipping weight, 12 lbs. each. 150 lbs. per doz. crated. 8⅓ cubic ft. per doz. crated.

No. 16 Fire Pot

For Heavy Roofing and Cornice Work

This fire pot will quickly heat 16 lb. and under coppers; is light, strong, durable, and uses less than half the gasoline, possessing many advantages not found in other makes. Warranted the most durable and economical fire pot on the market today.

Shipping weight, 9½ lbs. each.

PRICE, $6.00 Net.

188 lbs. per doz. crated. 14¾ cubic ft. per doz. crated.

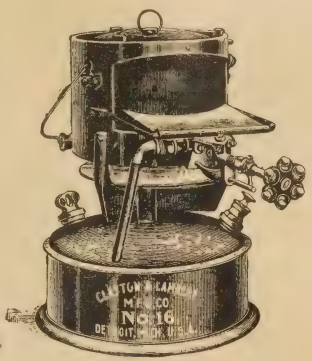


Fig. 513

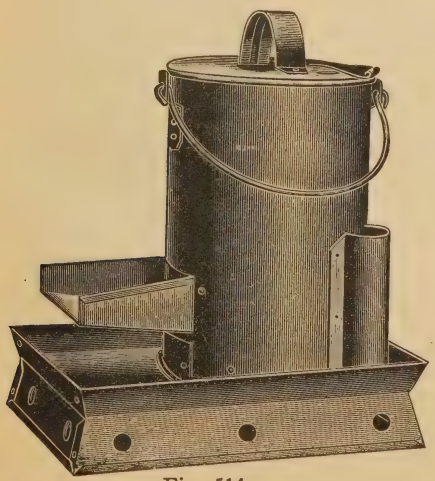


Fig. 514

Souther's Charcoal Soldering Furnace

Height, over all, 14 in.; diameter of cylinder, 8 in.; size of base, 10 x 14. Made of good grade of black steel. Light, Durable, Cheap. The most Practical Charcoal Furnace on the market.

Write for Prices

"Easy Lock" Stove Pipe

Nested

50 Joints in a Crate

The best nested Stove Pipe made.

The lock on the pipe is entirely new, and for simplicity, ease in putting together and strength when locked, cannot be surpassed.

A perfect lock without the use of a hammer or rivets. This pipe when locked cannot possibly collapse, as there are no lugs to break off or cleats to get out of place, and it is without doubt far superior to any other nested pipe made.

Try a sample crate and be convinced.

Fig. 320

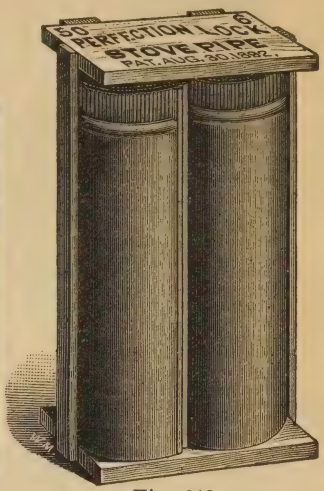


Fig. 319

	5 in.	5½ in	6 in.	7 in.
Smooth Steel, per crate	....	....	....	....
Wellsville Polished Steel, per crate	....	....	....	....
Planished Iron, per crate	....	....	....	....

Perfection Lock Stove Pipe

Nested

50 Joints in a Crate

Any person can put them together.

This Pipe has the same lock as the Easy Lock, and is made equally as well. The stock is a first class Cold Rolled Steel, but not as highly polished as the Easy Lock. Can be shipped at a low rate of freight, and requires small space for storage.

	5 in.	5½ in.	6 in.	7 in.
Smooth Steel, per crate	...	...	...	...

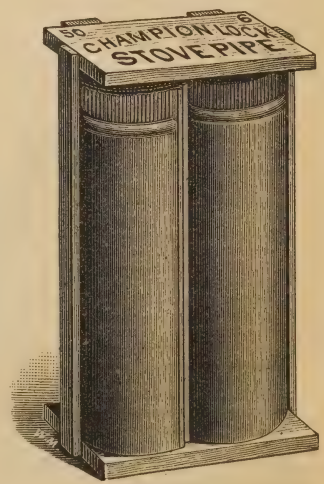


Fig. 507

Finished Stove Pipe

	5 in.	5½ in.	6 in.	7 in.
Common Steel, per joint	....	....	....	....
Smooth Steel, per joint	....	....	....	....
Planished Iron, per joint	....	....	....	....

One Piece Elbows

Wired One Dozen in a Bundle

The strongest and neatest Elbows that can be made. Presents a smooth surface, both inside and out. As easily polished as a length of stove pipe. Catches no dust or soot.

	5 in.	6 in.	7 in.
Smooth Steel, per doz.	....	....	....
Planished Iron, per doz.	....	....	....

Fig. 308

Corrugated Elbows

Wired One Dozen in a Bundle.

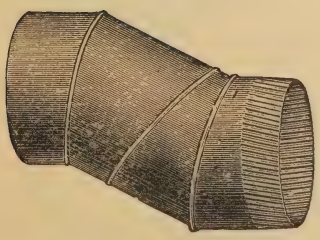
This Elbow has been so well and favorably known among the trade for years, that a detailed description of it is not necessary. A strong, well made Elbow true to size.

	5 in.	5½ in.	6 in.	7 in.
Black Steel, per doz.	...	...	...	...
Smooth Steel, per doz.	...	...	...	...
Wellsville Polished Steel, per doz.	...	...	...	...
Planished Iron, per doz.	...	...	...	...

Fig. 309

Adjustable Elbows

Packed One Dozen in a Crate



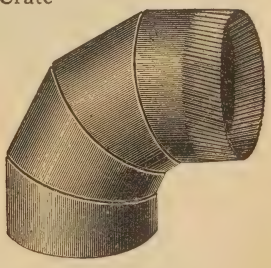


Fig. 310

The best and strongest Adjustable Elbow made. Can be adjusted quickly to any angle desired. A strong, neat and well made Elbow. Will not come apart.

	4 in.	4½ in.	5 in.	5½ in.	6 in.	7 in.
Smooth Steel, per doz.	....	....	....	....	....	....
Wellsville Polished, per doz	....	....	....	....	....	....
Planished Iron, per doz.	....	....	....	....	....	....

Four-Pieced Elbows

Wired one dozen in a bundle. No more breaking or pulling apart as is common in most makes of this class of Elbows.

In this Elbow are combined all the essentials necessary in a First Class Four Pieced Elbow, namely: Good Stock and Perfectly Locked Seams.

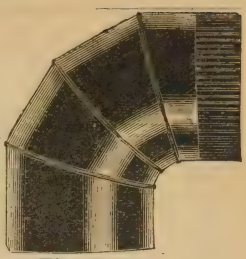


Fig. 311

	4 in.	4½ in.	5 in.	5½ in.	6 in.	7 in.
Steel	....	....	....	....	....	....
Planished	....	....	....	....	....	....

Thimbles

Fig. 313

Roof Caps

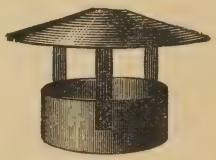


Fig. 312

Logan's Stove Pipe Thimbles

Large or Small End of Stove Pipe Fits the Same Thimble

One Doz. per Crate 10 lbs.

Side View

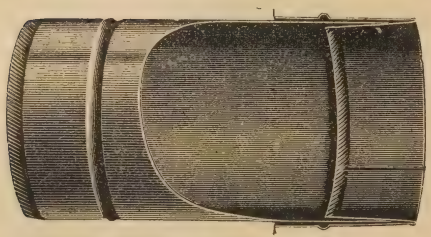


Fig. 516

End View

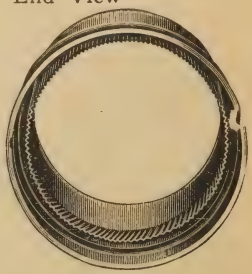


Fig. 517

Comb and Side Rain Proofs

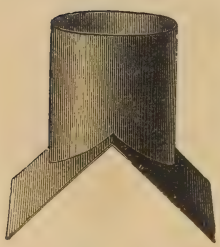


Fig. 316

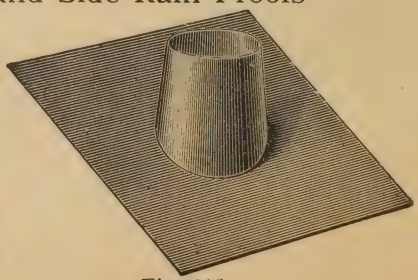


Fig. 315

	5 in.	6 in.	7 in.
Japanned, 18 x 18 in. Flange, per doz.....	....	....	....
Galvanized, 18 x 18 in. Flange, per doz.....	....	....	....
Tin, 14 x 20 in. Flange, per doz.....	....	....	....

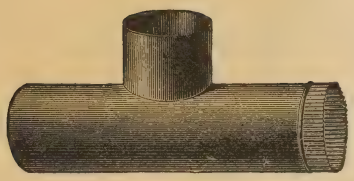


Fig. 314

T Pipes

	5 in.	5½ in.	6 in.	7 in.
Common Steel, per doz.....	....	....	....	....

Taper Pipes

	Sizes 5½ x 5	6 x 5	5½ x 6	7 x 6
Common Steel, per joint.....	....	....	....	....
Smooth Steel, per joint.....	....	....	....	....
Planished Iron, per joint.....	....	....	....	....

In ordering **Tapers,** remember that the first numbers indicate the sizes of stove collar and the latter the sizes of stove pipe you desire to fit. 6 x 5 indicates that the stove collar is 6 in., and the 5 in. end to be crimped to fit a 5 in. pipe. 5 x 6 would indicate that the collar of stove is 5 in. and the 6 in. end to be crimped to fit 6 in. pipe.

Souther Stove Pipe Ventilator Rings

For Stove Pipes

	5 in.	6 in.	7 in.
Malleable Iron Vent. Rings, per gross sets	....	....	....
Stamped Steel Vent. Rings, japanned, per gross sets.....	....	....	....
Stamped Steel Vent. Rings, galvanized, per gross sets.....	....	....	....

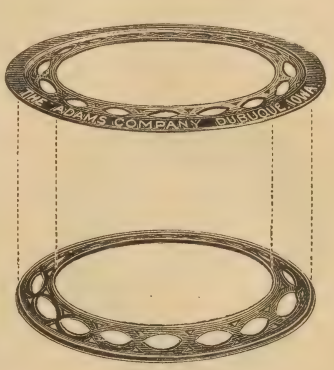


Fig. 317

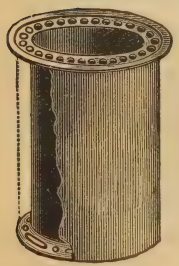


Fig. 318

Souther Stove Pipe Ventilators

Sheet Iron Bodies

These Ventilators are made up ready for use; the heads are japanned to prevent rusting, and give a finished appearance to the goods.

In ordering state what kind of Vent. Rings wanted.

	Size 6 x 6	6 x 8	6 x 10	6 x 12
Per doz.....	....	....	....	....

Diamond Stove Pipe Damper

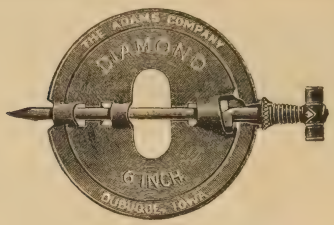


Fig. 508

U. S. Patent June 25th, 1895. Canadian Patent December 13th, 1894.

Possessing the best features of other popular dampers, it has many good features of its own.

Size	5 in.	5½ in.	6 in.	7 in.
Price per doz.....	....	....	....	....

American Damper

Size,	5 in.	5½ in.	6 in.	7 in.
Per doz.....	....	....	....	....

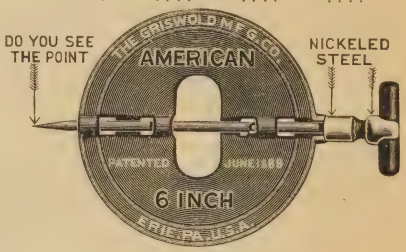


Fig. 509

Fig. 510

Royal Stove Pipe Collars

Sizes	5 in.	5½ in.	6 in.	7 in.
Outside Measure...	8¼	8⅞	9⅝	10¾
Price, per doz.....	....	....	....	....

Royal Flue Stopper

Put up in boxes of one dozen each

Price, per dozen..... ....

Fig. 511

Discount .....

"Acme" Well Bucket Bottoms

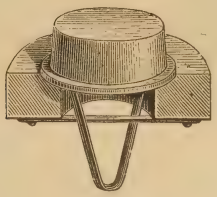


Fig. 323

Patented March 7th, 1893.

The simplest and best **Bucket Bottom** made.

The **Valve** works perfectly every time.

The manner of renewing the **Leather** is very simple and more easily done on this **Valve** than on any other in the market.

Sizes	3	3½	4	4½	5	5½	6
Per dozen.....	....	....	....	....	....	....	....

Made of one Piece of
Galvanized Steel

The Strongest and
Most Serviceable Bucket
in the Market

Fig. 324

Bored Well Buckets

Made of Galvanized Steel with Heavy Wrought Bail and Patent "Acme" Bottom

Sizes	3½x52	4x37½	4½x30	5x28	5½x26	6x24
Per dozen.....	....	....	....	....	....	....

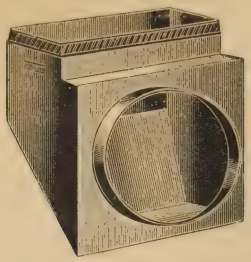


Fig. 3021
No. 11 Boot

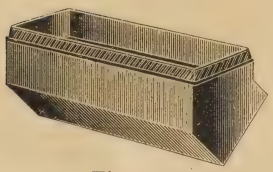


Fig. 3022
No. 6 Angle

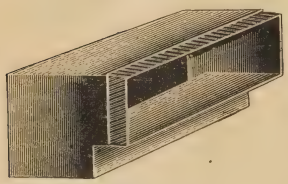


Fig. 3023
No. 16 Elbow

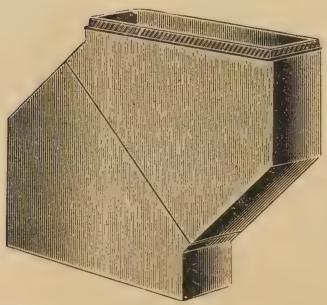


Fig. 3024
No. 8 Offset Elbow

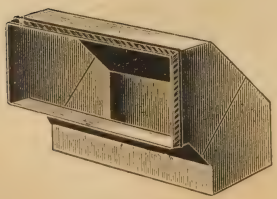


Fig. 3025
No. 7 Elbow

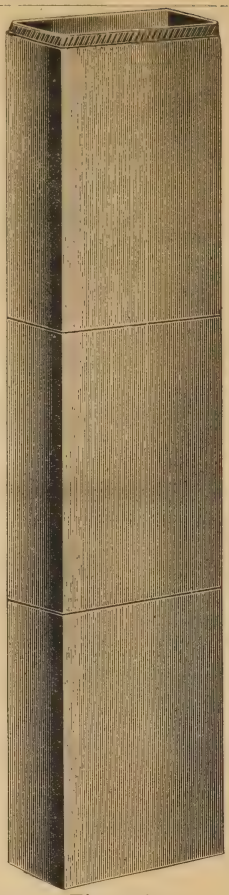


Fig. 3020
Section of Single Pipe 58 in. Long

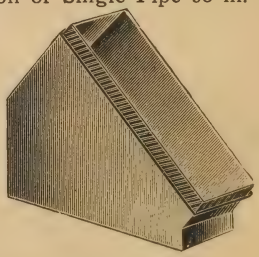


Fig. 3027
No. 8 Angle

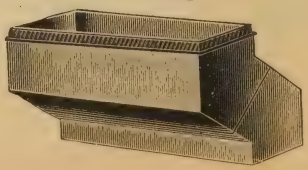


Fig. 3026
No. 6 Elbow

Price List of Single Stacks and Fittings

Made same size as the In or Outside of the "Handy"

Size of Pipe	Price Per Foot	Size of Register	Register Heads Cut 2	Tees Cut 4	Elbows Cuts 6 and 16	Off-set Elbows Cut 8	Boots Cuts 10, 11 and 12	Size of Collars in Boots
2¾x9	.12	8x10 Single 8x12 " 9x12 "	.40	.25	.25	.35	.35	8-in.
3⅝x9⅞	.13	8x10 Double 8x12 "	.45	.30	.30	.40	.40	9-in.
2¾x11¾	.14	8x12 Single 9x12 " 10x12 "	.50	.35	.35	.45	.45	8-in. 9-in.
3⅝x12⅝	.16	8x12 Double 9x12 "	.55	.40	.40	.50	.50	10-in.
2¾x13¾	.17	10x12 Single 9x12 Double	.60	.45	.45	.55	.55	10-in.
3⅝x14⅝	.21	10x12 "	.70	.55	.55	.65	.65	
4⅛x13¾	.21	10x14 Single 12x15 "	.70	.55	.55	.65	.65	10-in.
5 x14⅝	.23	10x14 Double	.80	.65	.65	.75	.75	12-in.

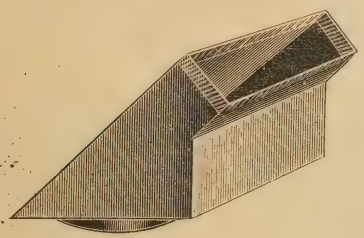


Fig. 3028
No. 12 Boot

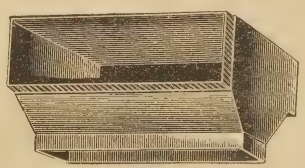


Fig. 3029
No. 4 Tee

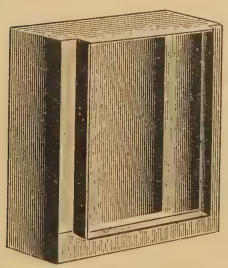


Fig. 3030
No. 2 Head

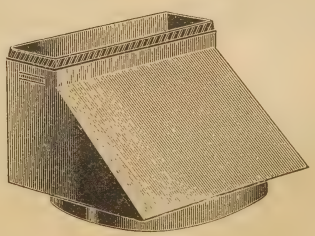


Fig. 3031
No. 10 Boot

All our Round Pipe and Elbows are seamed; no Solder is used in their construction.

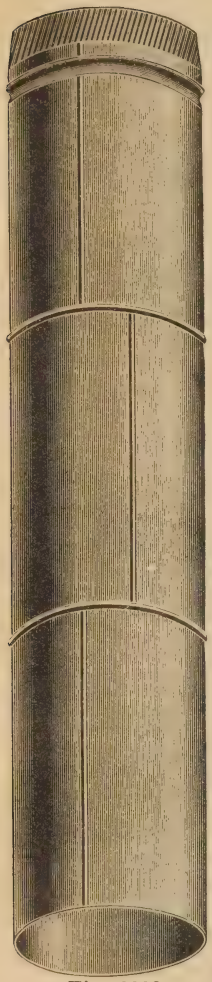


Fig. 3032
Tin Pipe, 60 in. long

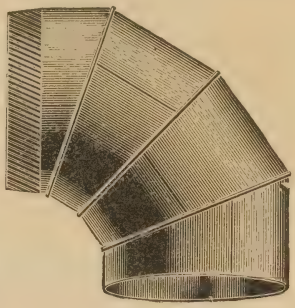


Fig. 3033
4-Piece Tin Elbow, 90 degrees

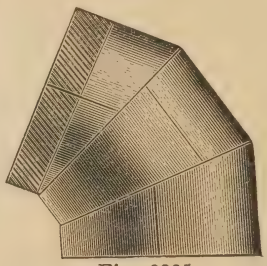


Fig. 3035
3-Piece Tin Elbow, 60 Degrees

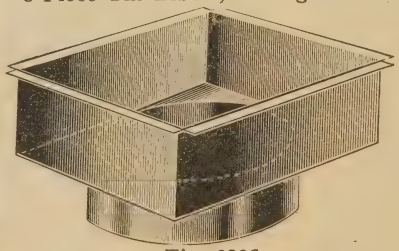


Fig. 3036
No. 40 Register Box, 4 inches deep with Collar

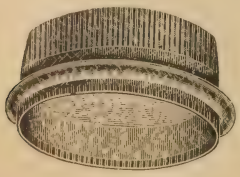


Fig. 3040
Casing Collar for Top of Bonnet

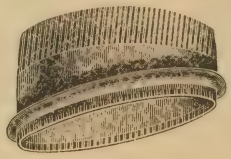


Fig. 3041
Casing Collar for Side of Bonnet

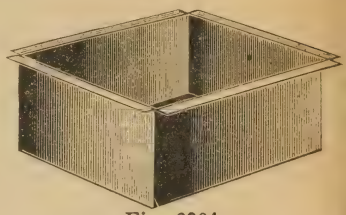


Fig. 3034
No. 30 Register Box, without Collar

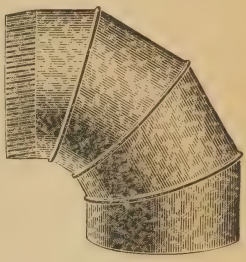


Fig. 3039
No. 24 Gauge Galvanized Iron Smoke Elbows

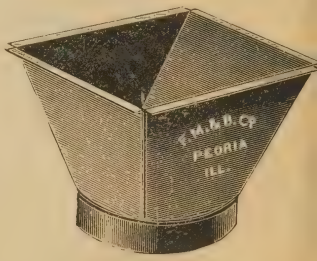


Fig. 3038
No. 50 Register Box with Collar

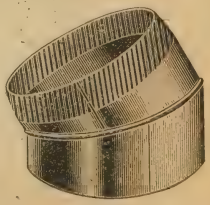


Fig. 2037
2-Piece Tin Elbow 30 Degrees

Price List of Round Pipe and Fittings

	7 in.	8 in.	9 in.	10 in.	12 in.	14 in.	16 in.	18 in.	20 in.	22 in.	24 in.	26 in.	28 in.	30 in.
I. C. TIN														
Hot Air Pipe, per foot	.10	.11	.12	.13	.16	.25								
Hot Air Elbow, 2-piece, 30°	.10	.11	.12	.13	.20	.30								
Hot Air Elbow, 3-piece, 60°	.16	.18	.20	.22	.30	.40								
Hot Air Elbow, 4-piece, 90°	.18	.20	.22	.25	.35	.55								
I. X. TIN														
Hot Air Pipe, per foot	.13	.14	.15	.16	.20	.30	.35	.45	.60					
Hot Air Elbow, 2-piece, 30°	.13	.14	.15	.16	.20	.30	.40	.60	.75					
Hot Air Elbow, 3-piece, 60°	.18	.20	.22	.24	.32	.50	.70	.90	1.00					
Hot Air Elbow, 4-piece, 90°	.23	.25	.28	.32	.44	.70	.95	1.25	1.55					
ADJUSTABLE ELBOWS														
I. C. Tin, 2-piece, 30°	.11	.12	.13	.14										
" " 3-piece, 60°	.17	.19	.21	.24										
" " 4-piece, 90°	.20	.22	.24	.27										
I. X. Tin, 2-piece, 30°	.14	.16	.17	.18	.22	.35								
" " 3-piece, 60°	.19	.22	.24	.27	.35	.55								
" " 4-piece, 90°	.25	.28	.31	.35	.48	.75								
Casing Collars, for top hood	.07	.08	.09	.10	.12	.15	.20	.25	.30	.35	.40	.55	.70	.85
Casing Collars, for side hood	.14	.16	.18	.20	.25	.30	.40	.50	.60	.70	.80	1.10	1.40	
Collars for brick-set furnaces	.20	.25	.30	.35	.45	.50	.55	.60	.70	.75	.80	1.10	1.40	
*Galv. Iron Pipe, per ft. (For cold air)	.16	.18	.20	.22	.30	.35	.40	.45	.50	.60	.70	.80	.90	1.00
Galv. Iron Elbows, 30° (For cold air)	.18	.22	.26	.35	.40	.48	.50	.75	.90	1.00	1.15	1 30	1.50	1.75
Galv. Iron Elbows, 60° (For cold air)	.21	.25	.32	.40	.50	.70	.80	1.10	1.45	1.60	1.85	2.10	2.45	2.80
†Galv. Iron Elbows, 4-piece, 90° (For cold air)	.26	.30	.35	.45	.60	.85	1.00	1.30	1.85	2.00	2.30	2.60	3.00	3.50
Screen for Cold Air Duct					.50	.60	.70	.80	.90	1.00	1.10			
Galv. Smoke Pipe, per foot, No. 24 gauge	.18	.20	.22	.24	.35									
Galv. Smoke Pipe Elbows, 2-piece, 30°	.22	.24	.28	.32	.45									
Galv. Smoke Pipe Elbows, 3-piece, 60°	.32	.35	.45	.50	.72									
Galv. Smoke Pipe Elbows, 4-piece, 90°	.40	.45	.55	.65	.90									
Black Iron Pipe, No. 24	.14	.16	.18	.20	.22									
Black Iron Elbow, 2-piece, 30°	.20	.22	.24	.26	.30									
Black Iron Elbow, 3-piece, 60°	.25	.28	.35	.40	.50									
Black Iron Elbow, 4-piece, 90°	.30	.35	.40	.50	.70									
Draw Bands	.20	.20	.25	.25	.30	.30	.30	.40	.40	.50	.50	.60	.60	.70
Hot Air Dampers, complete	.07	.08	.09	.10	.15	.20	.30	.40	.50	.70	1 00	1.50	2.00	

* Cold Air Pipe will be shipped nested unless otherwise ordered.

† Elbows larger than 14 inch are adjustable.

Price List of Register Boxes, with Collars Nos. 40 and 50

	6x8	8x10	8x12	9x12	10x12	10x14	12x14	12x15	14x16	14x18	14x20	16x18
IC Tin	.30	.30	.32	.32	.36	.40	.48	.50	.70	.75	.84	
IX Tin	.38	.38	.40	.40	.45	.50	.60	.60	.80	.90	1.00	1.10
Galv. Iron							.70	.70	.90	1.00	1.10	1.25

Price List of Register Boxes, with Collars Nos. 40 and 50

	16x20	16x24	18x21	20x24	20x26	21x29	24x24	27x27	27x38	30x30	30x36
IC Tin											
IX Tin	1.25	1.50	1.80	2.00							
Galv. Iron	1.30	1.50	1.80	2.00	2.25	2.75	3.25	3.75	4.25	5.00	5.00

No. 30 Register Boxes, without Collars, are 10 per cent less than above.
For double Register Boxes add 50 per cent to above prices

Souther's Anti-Freezing Pumps

Made of Heavy Galvanized Corrugated Steel. Clean, Handy, Durable

Will not check, split, rot or taint the water, as is the case with the old style wood pump.

Is not affected by freezing, as the body is made of corrugated steel, which allows for expansion.

The base is made of cast iron and is adjustable so that it can be set at any height desired.

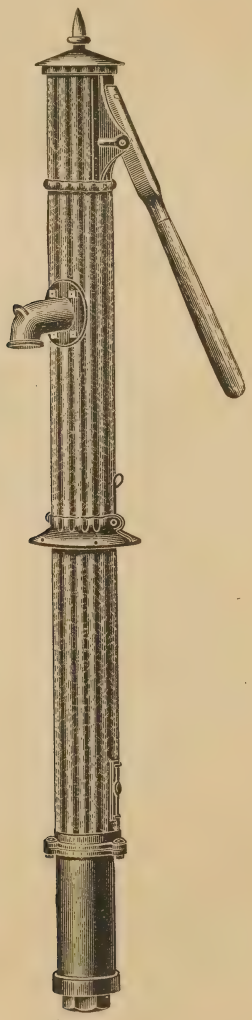


Fig. 1149

Cylinders are made of Cast Iron, but we can furnish in any metal desired.

Always ready and in working order, it lifts the water easily and rapidly.

Its many good features and reasonable price makes it a ready seller and a profitable article for the dealer to handle.

Write for Quotations

SOUTHER'S

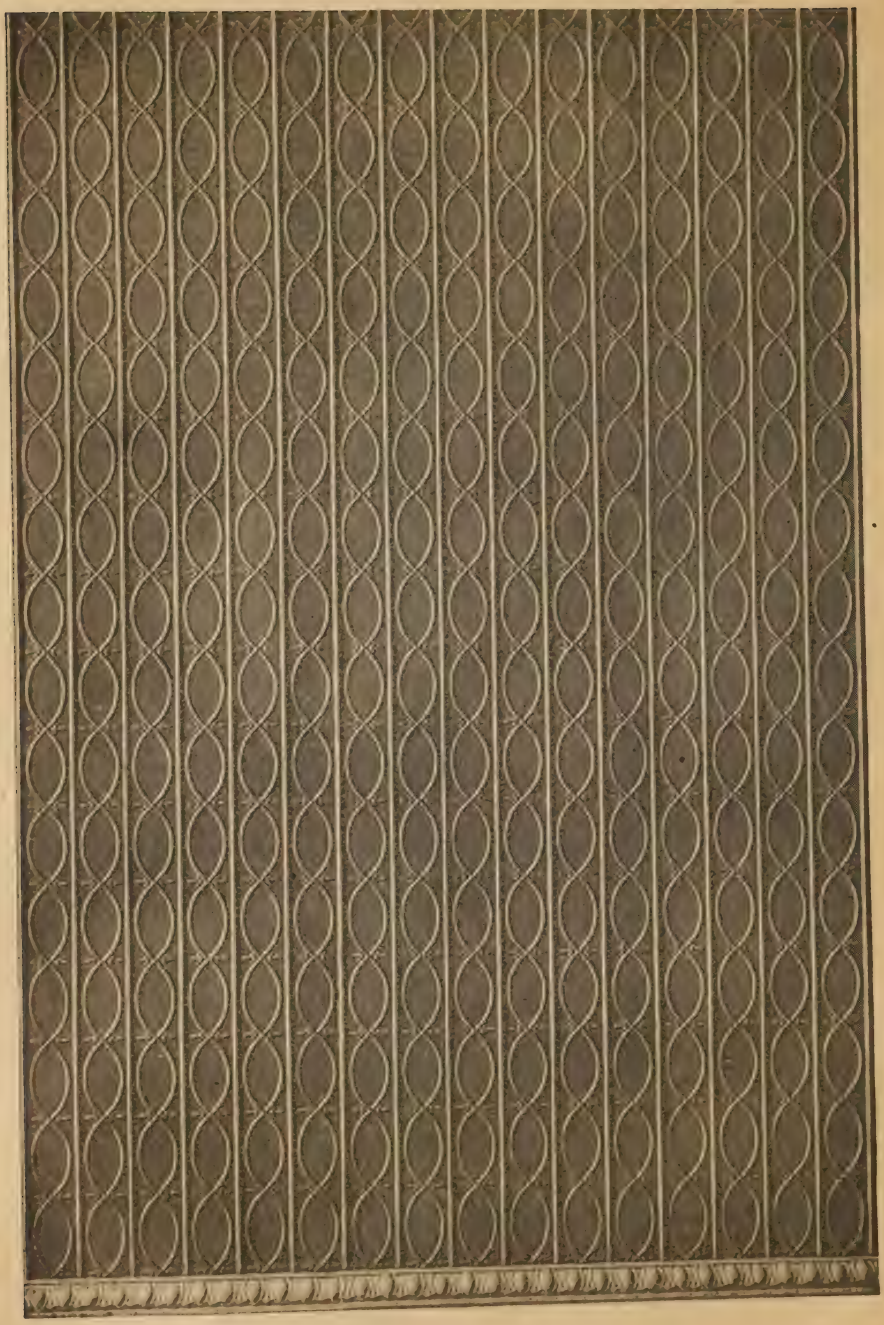
Continuous and Paneled Metal Ceiling and Side Wall Finish

WE CALL your attention to our production of Steel Ceilings for interior decoration, appropriate for all classes of buildings.

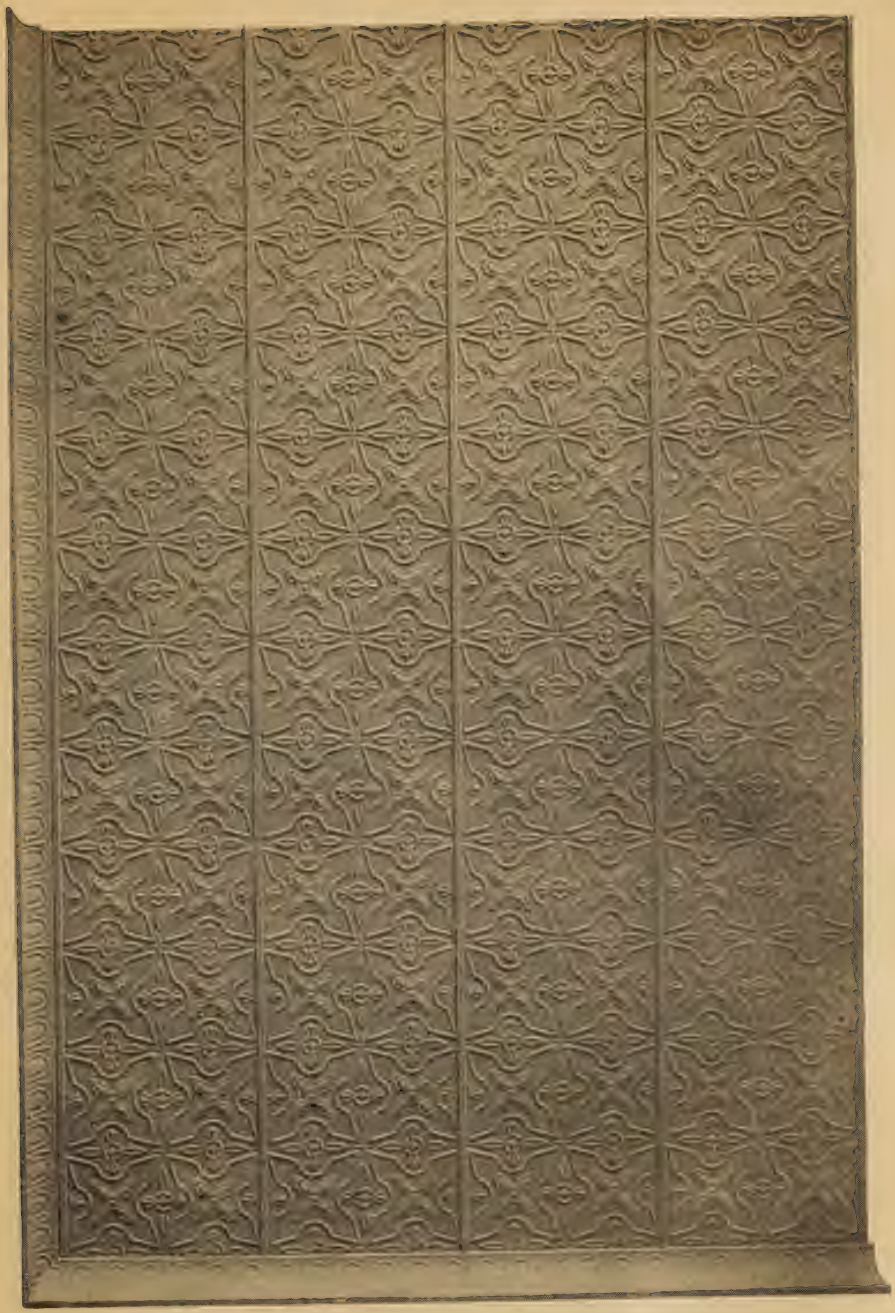
On the following pages we show a few illustrations, which may interest you. Upon application we will be pleased to send our complete catalogue showing many designs from which to select to suit your requirements.

We manufacture all this work at our factory, St. Louis, and produce the most elaborate designs.

If you will submit a pencil sketch and accurate measurements of ceiling space to be covered, stating the depth cornice that may be used, we will prepare for your approval drawing of a suitable design with our best price for the required material.



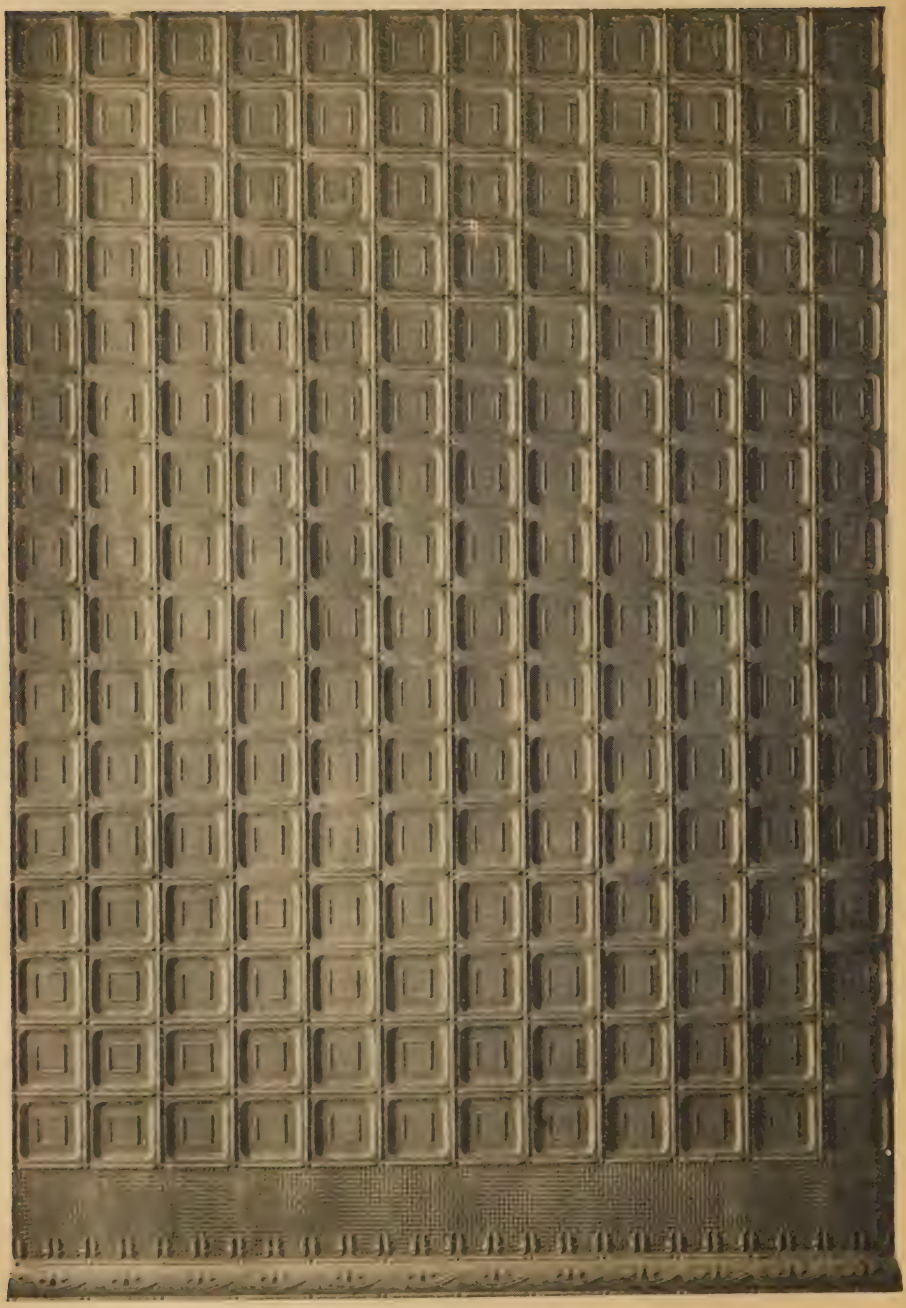
Design No. 1009
Composed of Cornice Mould No. 822, Field Plate No. 900.
List price 7½c per square foot
Write for Discount



Design No. 1099

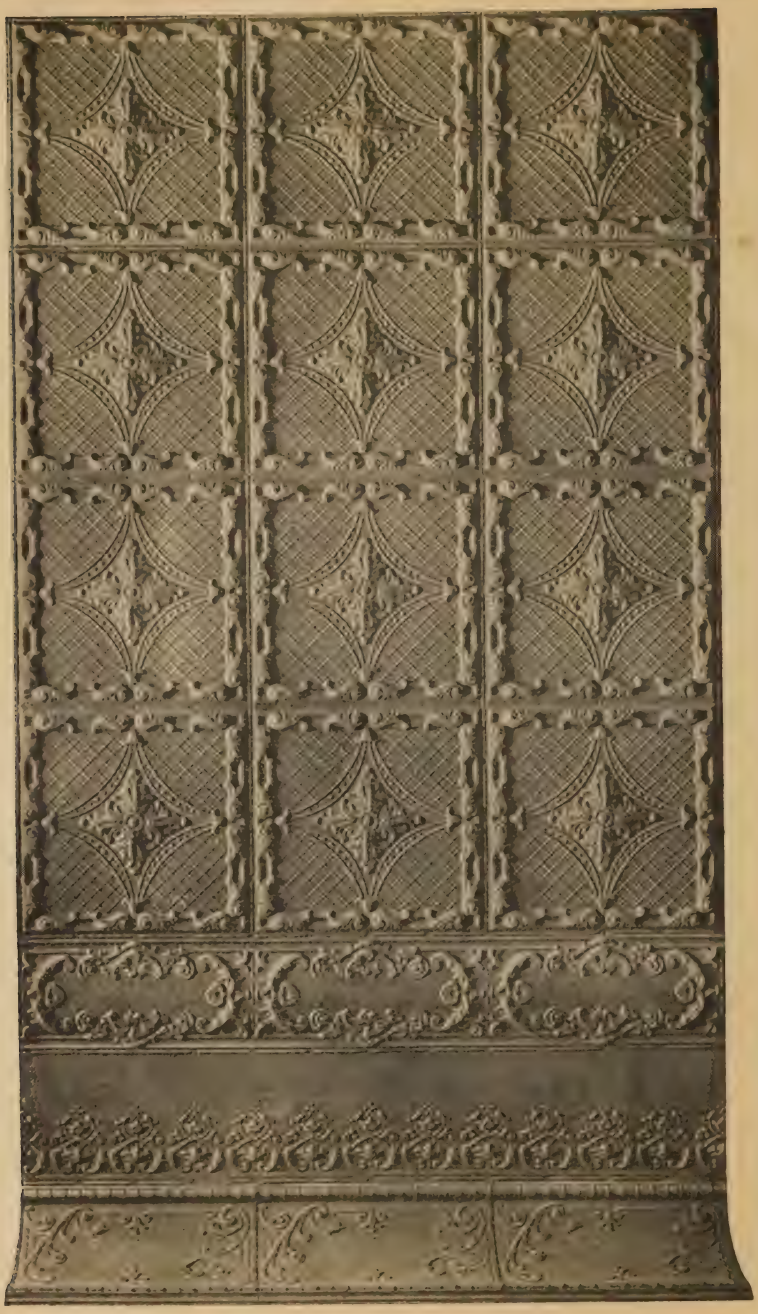
Composed of Plate 899

These plates are 24 inches wide and 97 inches long and can be placed on joists 16 inches apart. Cornice No. 931 is 6 inches high. All material painted with coat of priming paint when shipped. Get our special offer on this design made to meet the demand for a low price metal ceiling.



Design No. 1023
Composed of Filler No. 962, Plate No. 895
List price 8¼c per square foot
Write for Discount

Design No. 1038
Composed of Plate No. 909, Filler No. 962, Mold No. 824,
Cornice No. 841. Price per square foot, **9c**
Cornice extends down on wall 12 inches
Write for Discount

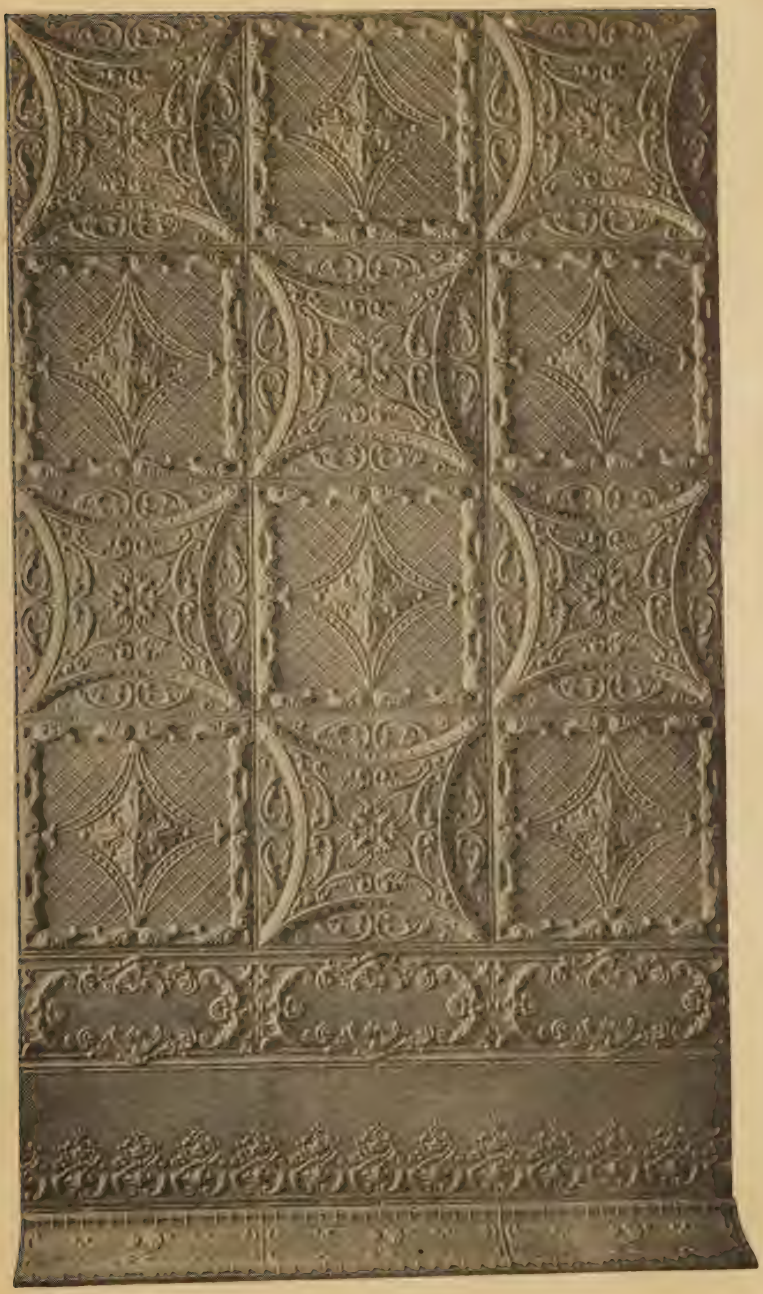


Design No. 1026

Composed of Plate No. 870, Border No. 874, Filler No. 880
and Cornice No. 926

Price per square foot, 9c

Cornice extends down on wall 12 inches **Write for Discount**

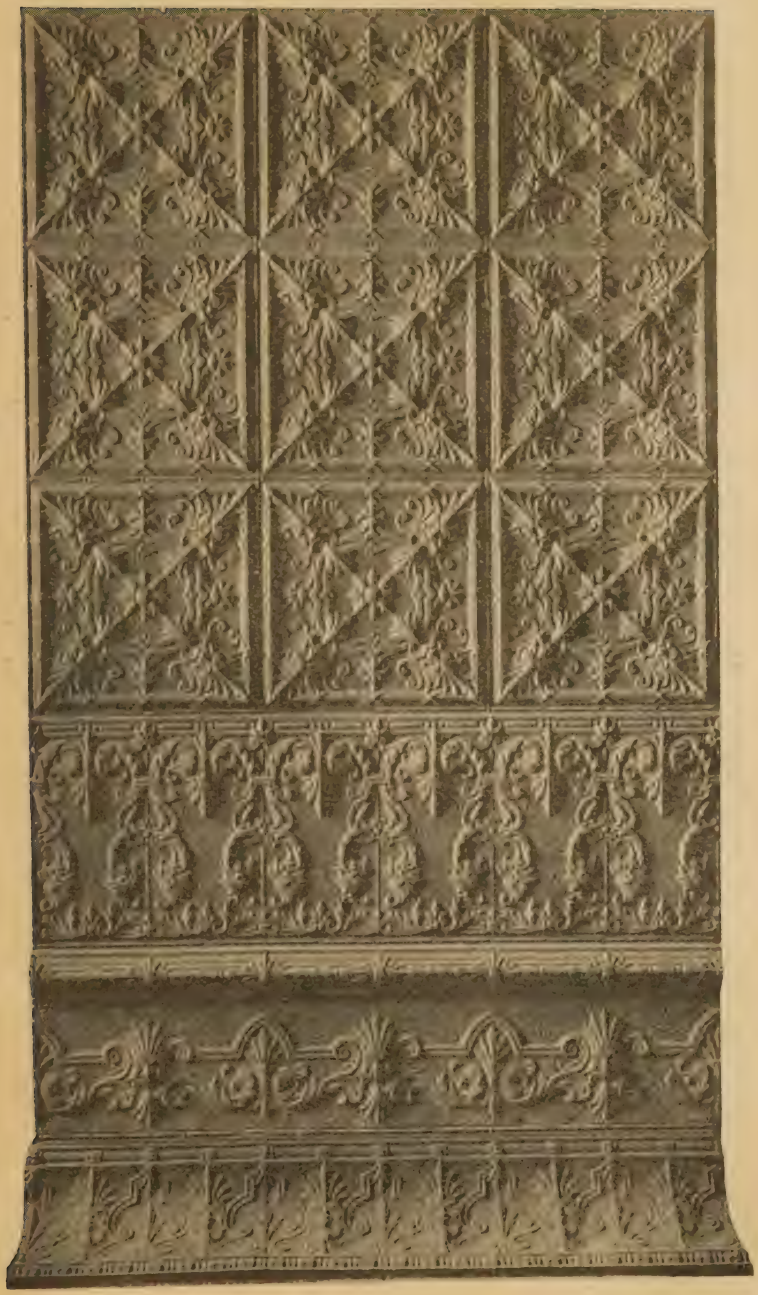


Design No. 1025

Composed of Plates No. 870 and 871, Border No. 874, Filler No. 880 and Cornice No. 924
List price, 9c per square foot

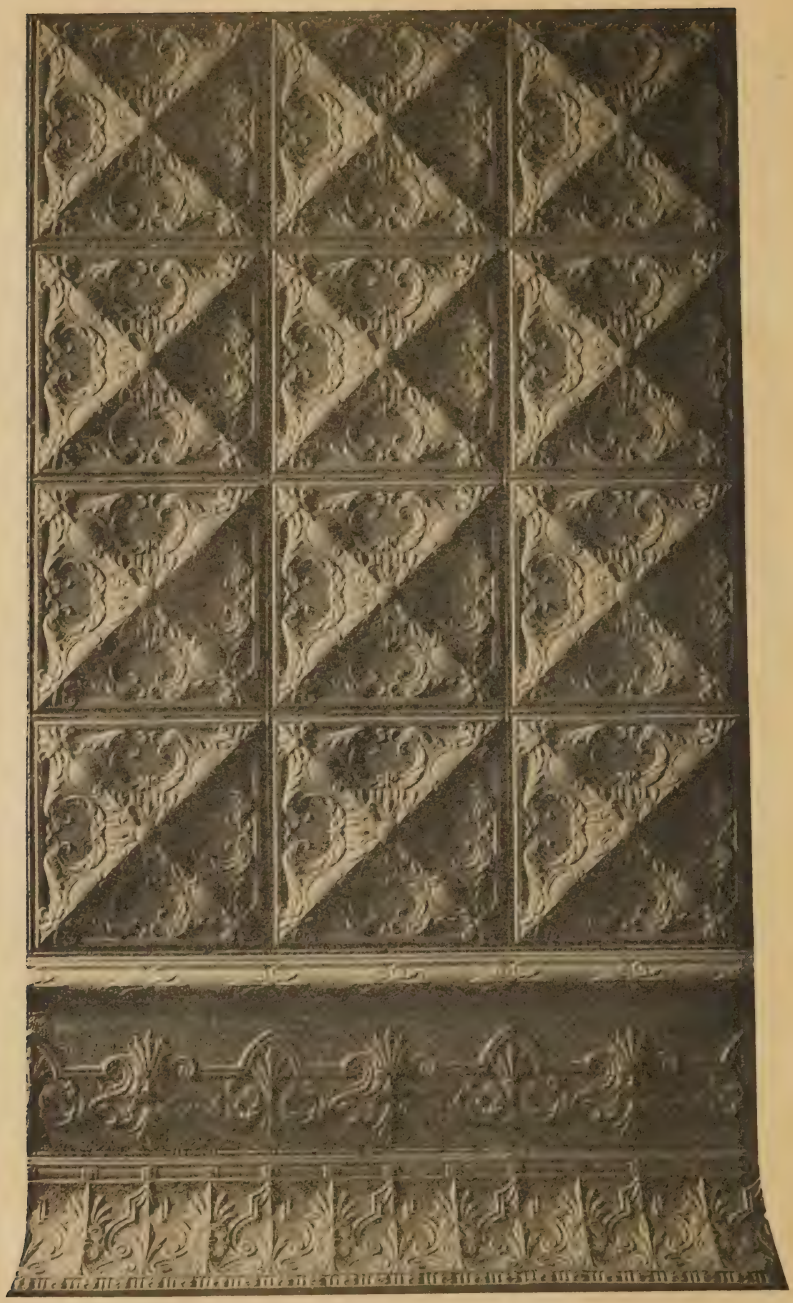
Write for Discount

Design No. 1005
Composed of Cornice No. 926, Filler No. 962,
Beam No. 356, Panels No. 922
List price, 9¾c per square foot **Write for Discount**



Design No. 1202

Composed of Plate No. 1158, Border No. 1156, Mold No. 1176,
Filler No. 1162 and Cornice No. 1160
Price per square foot, **10½c**
Cornice extends down on wall 15 inches



Design No. 1205

Composed of Plate No. 1151, Mold No. 1166, Filler No. 1162 and Cornice No. 1160

Price per square foot, 11c

Cornice extends down on wall 15 inches

Side-Wall Design No. 1223

Composed of Cornice No. 1160, Plate No. 1184, spaced by Border No. 1174 and Wainscoting Nos. 1175 and 1190

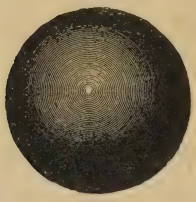
Price per square foot, 9c

Price does not include Base nor Cornice

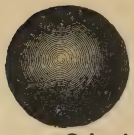
Design No. 1006
Composed of Cornice No. 971, Filler No. 964
Beam No. 826, Field Plate No. 991
List price, 9¾c per square foot

Design No. 1022
Composed of Cornice No. 926, Filler No. 964, Border Plate No. 802, Corner Plate No. 803, Field Plate No. 830
List price **8¾ cents** per square foot

SPUN METAL BALLS.


12 Inch.

4 Inch.


8 Inch.

2½ Inch.

Fig. 208.

PRICE LIST—HALF BALLS.

	Zinc.	Copper.
1 inch, per hundred	$ 2 60	.....
2 " "	3 90	.....
3 " "	7 80	.....
4 " "	14 30	.....
5 " "	20 80	.....
6 " "	25 00	.....
7 " "	42 50	.....
8 " "	52 50	.....
9 " "	60 00	.....
10 " "	62 50	.....

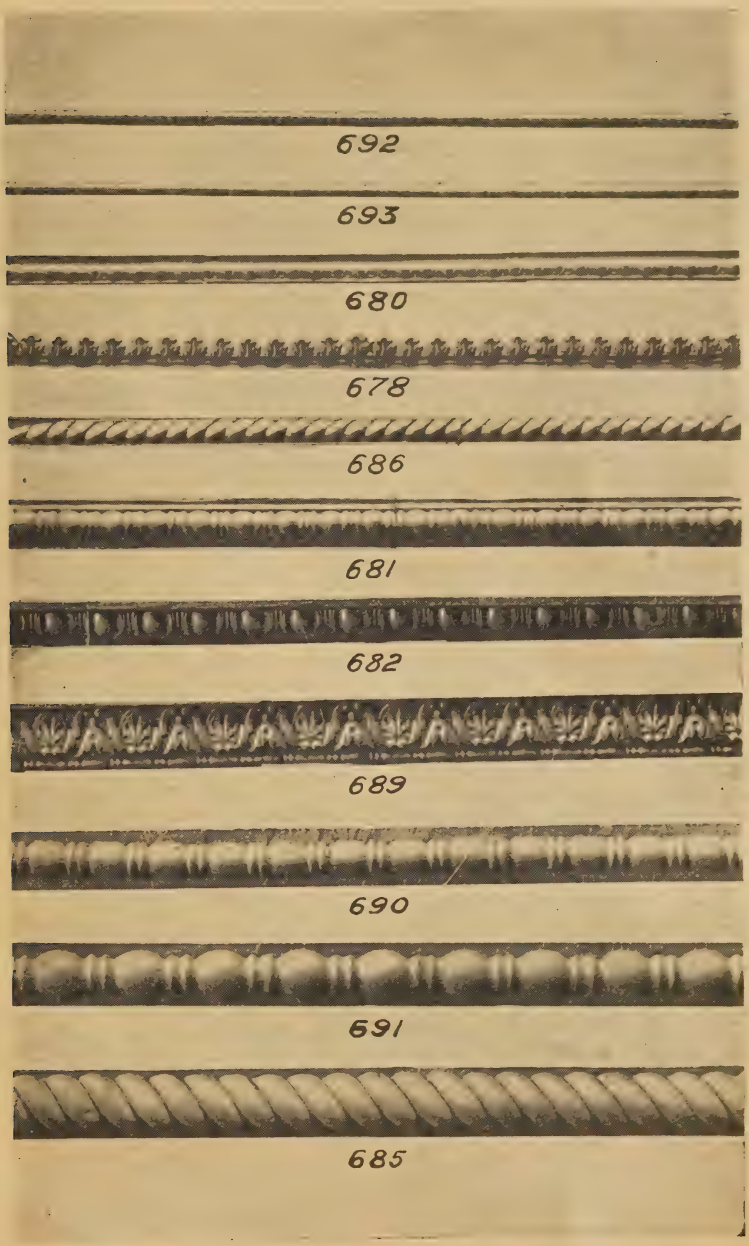
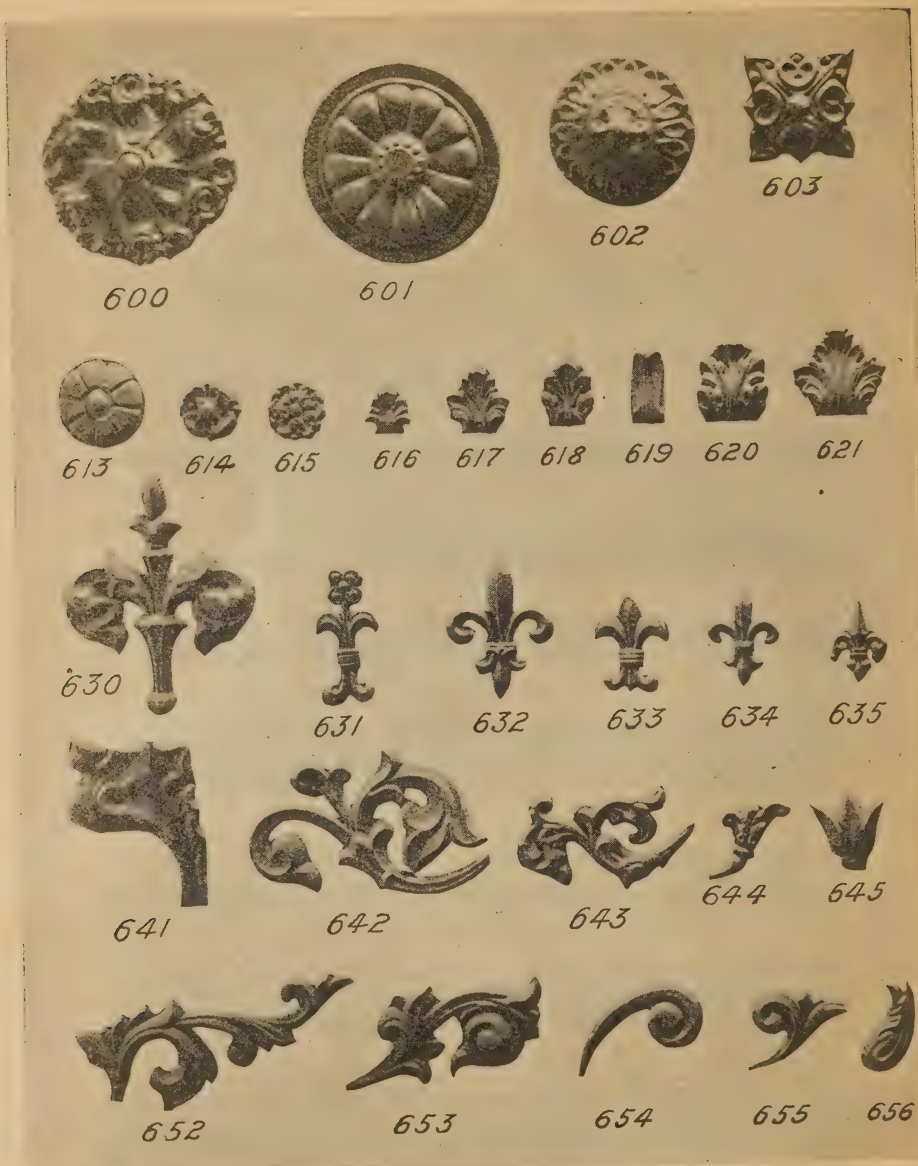


Fig. 692. 1 in. wide..**6c** lineal ft.
Fig. 693. 1 in. wide..**6c** lineal ft.
Fig. 680. 2 in. wide.**10c** lineal ft.
Fig. 678. 2½ in. wide.**15c** lineal ft.
Fig. 686. 1¾ in. wide.**10c** lineal ft.
Fig. 681. 3 in. wide.**12c** lineal ft.
Fig. 682. 3½ in. wide.**16c** lineal ft.
Fig. 589. 4¼ in. wide.**20c** lineal ft.
Fig. 690. 2 in. wide.**10c** lineal ft.
Fig. 691. 3 in. wide.**16c** lineal ft.
Fig. 685. 3¾ in. wide.**19c** lineal ft.



600	13		in. diameter	...each	$1.05	632	7½	x 9½	in. .....each $0.27
601	13		in. diameter	...each	.75	633	5¼	x 6½	in. .....each .20
602	10		in. diameter	...each	.50	634	5	x 6½	in. .....each .18
603	7¾		in. square	.....each	.30	635	4	x 5½	in. .....each .15
613	6		in. diameter	...each	.20	641	12	x 8	in. ..each half .60
614	4		in. diameter	...each	.12	642	10	x16½	in. ....per pair 1.50
615	4		in. diameter	...each	.12	643	6½	x12	in. ....per pair 1.00
616	3	x 3½	inches	...each	.07	644	3½	x 7½	in. ....per pair .35
617	4¼	x 5	inches	...each	.11	645	5½	x 5½	in. ....per pair .35
618	3¾	x 5	inches	...each	.12	652	6½	x18	in. ....per pair 1.50
619	2¼	x 5	inches	...each	.09	653	6	x15	in. ....per pair 1.25
620	6	x 5	inches	...each	.25	654	5	x10	in. ....per pair .50
621	6½	x 6½	inches	...each	.30	655	5	x 8	in. ....per pair .40
630	13¼	x16½	inches	...each	.88	656	2¾	x 6¾	in. ....per pair .35
631	4½	x 9½	inches	...each	.15				

604	7		inch square	each	$0.25	637	10	x 9	inches each $0.45
605	6		inch square	each	.22	638	7	x 8	inches each .30
606	5		inch square	each	.15	639	5½	x 9½	inches each .30
607	5¾		inch round	each	.22	640	9½	x11	inches each .28
608	4		inch square	each	.12	646	5	x 7	inches each .25
609	4¾	x3¾	inches	each	.12	647	6	x10	inches each .35
610	3½		inch square	each	.10	648	5	x10	inches each .35
611	2¾		inch square	each	.09	649	3	x10	inches per pr .25
612	2½		inch round	each	.06	650	3	x10	inches per pr .25
622	6½	x6½	inches	each	.30	651	2¾	x13	inches per pr .30
623	3½	x7	inches	each	.12	657	6	x 7	inches per pr 1.00
624	3½	x7	inches	each	.14	658	3	x 6½	inches each .15
625	7	x8	inches	each	.20	659	2	x 5½	inches each .12
626	4¼	x8	inches	each	.23	660	3¾	x10	inches each .18
627	10	x5½	inches	each	.30	661	5¾	x10	inches ea. hf .35
628	13	x3¼	inches	each	.25	662	3½	x12½	inches ea. third .30
629	15	x5½	inches	each	.60	663	4½	x 7	inches each .30
636	12	x13	inches	each	.54				

TINNERS' SHEARS

Fig. 3100

Bench Shears, Right Hand

Right hand shears are more generally used and are invariably sent unless left hand is ordered.

Bench Shears as regularly made have right-hand cut, that is, the lower blade is on the right side of the shears. Left-hand and also circular bench shears can be furnished when desired at an additional cost.

In ordering left hand bench shears it should be clearly stated on the order. When ordering circular bench shears it is necessary that a template showing arc of circle should accompany order.

Fig. 3100. No. 00. Bench, cut 12 in., will cut No. 16 Iron, weighs 36 lbs., each **$13.50**

Fig. 3100. No. 0. Bench, cut 10½ in., will cut No. 18 Iron, weighs 28 lbs., each **12.00**

Fig. 3100. No. 1. Bench, cut 9 in., will cut No. 20 Iron, weighs 23 lbs., each **8.00**

Fig. 3100. No. 2. Bench, cut 8⅝ in., will cut No. 22 Iron, weighs 18 lbs., each **7.00**

Fig. 3100. No. 3. Bench, cut 8⅜ in., will cut No. 19 Iron, weighs 13 lbs., each **6.00**

Fig. 3100. No. 4. Bench, cut 8 in., will cut No. 20 Iron, weighs 12 lbs., each **5.00**

Fig. 3100. No. 5. Bench, cut 7 in., will cut No. 21 Iron, weighs, 9 lbs., each **4.00**

Fig. 3100. No. 6. Bench, cut 6 in., will cut No. 22 Iron, weighs 8 lbs., each **3.50**

Fig. 3100. No. 13. Elbow Bench, cut 4 in., will cut No. 18 Iron, weighs 25 lbs., each **5.25**

Fig. 3100. No. 23. Elbow Bench, Extra Heavy, cut 6 in., will cut No. 14 Iron, weighs 25 lbs., each **12.00**

Fig. 3100. No. 33. Elbow Bench, Double Extra Heavy, cut 7½ in., will cut No. 12 Iron, weighs 47 lbs., each **25.00**

Extra for Left-Hand Shears ..... each **1.50**

Extra for Circular Shears ..... each **2.75**

TINNERS' HAND SHEARS OR SNIPS

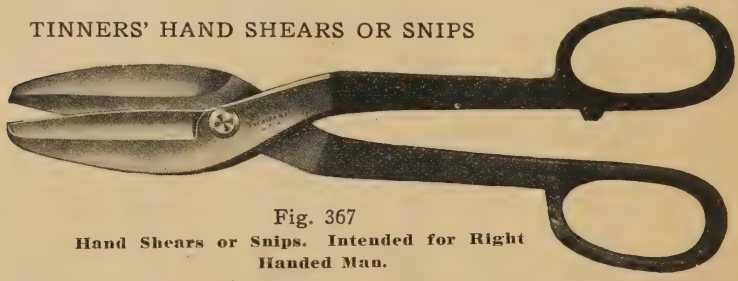


Fig. 367

Hand Shears or Snips. Intended for Right Handed Man.

All snips are forged from the best Norway iron, steel laid, and are of the highest grade of excellence and fully warranted.

We can furnish any of the following snips, with bows made for left-handed men, at an extra cost of **50c each, net.** This means a right-hand cut with bows made for the left hand.

We sometimes have call for snips for left-handed men, but a left-hand snip, as we apply the term, is not intended for a left-handed man.

Confusion often arises as to the meaning of the terms **Right and Left Hand** as applied to snips. A **right-hand** shears is one that when held in the right hand the lower blade is on the right side of the shears, and a **left-hand** is one where the lower blade is on the left side of the shears. Left hand only are shown in the cuts. Left-hand snips are more generally used, and are invariably sent unless right-hand are ordered.

The length of cut given below is the actual cutting surface of the blade.

Fig. 3101. No. 06½. Hand, cut 4½ in., entire length 17 in., will cut No. 23 Iron, weighs 5½ lbs. ..... each **$4.50**

Fig. 3101. No. 6½. Hand, cut 4¼ in., entire length 15¾ in., will cut No. 24 Iron, weighs 3¼ lbs. ..... each **3.00**

Fig. 3101. No. 7. Hand, cut 4 inches, entire length 14¼ in., will cut No. 25 Iron, weighs 2¼ lbs. ..... each **2.50**

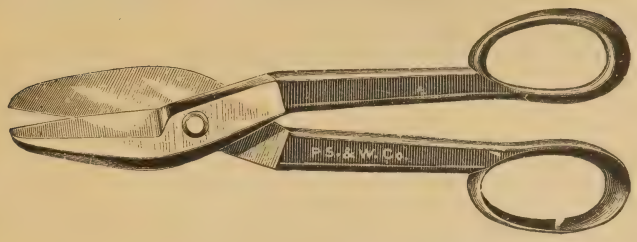
Fig. 3101. No. 8. Hand, cut 3½ in., entire length 13½ in., will cut No. 26 Iron, weighs 2 lbs. ..... each **2.00**

Fig. 3101. No. 9. Hand, cut 3 in., entire length 12 in., will cut No. 27 Iron, weighs 1½ lbs. ..... each **1.50**

Fig. 3101. No. 10. Hand, cut 2½ in., entire length 11 in., will cut No. 28 Iron, weighs 1 lb. ..... each **1.40**

Souther's Tinners' Tools

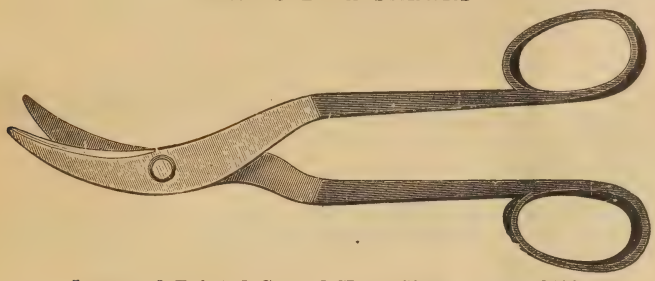
TINNERS' HAND SHEARS OR SNIPS



Circular Hand Shears. Fig. 3102.

Fig. 3102—Nos.	6½	7	8	9	10
Cut, inches	4½	4	3½	3	2½
Approximate weight, lbs.	3¼	2¼	2	1⅛	1
Each	**$4.00**	**$3.50**	**$3.00**	**$2.50**	**$2.25**

HAWK'S BILL SHEARS

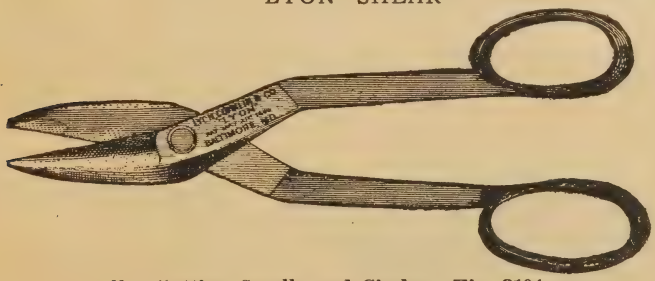


Improved Pointed Curved Hand Shears. Fig. 3103.

The above cut represents a Curved Shear of **real worth** and great merit. It is capable of cutting in sheet metal openings of any kind and shape. Letters are easily cut from sheet metal. They are especially adapted for cutting off the bottoms of metal vessels, and cutting openings in pipes or cylinders of every description, for furnace jackets, thimbles, tee joints, etc. A bottom can be cut from a pint cup or a copper boiler with equal ease.

Fig. 3103. No. 15. Pointed Snips, entire length 9¾ in., weighs 18 oz., each **$3.00**

"LYON" SHEAR



For Cutting Scrolls and Circles. Fig. 3104

These Shears are especially adapted to cornice and tin work, and are made so as to easily cut circles, scrolls, etc. They are equally well adapted for the same class of work as the regular snips. The blades are rounding and very sharp pointed and can be used for the most delicate work. They are made of the best material; have forged handles and steel blades and are fully warranted.

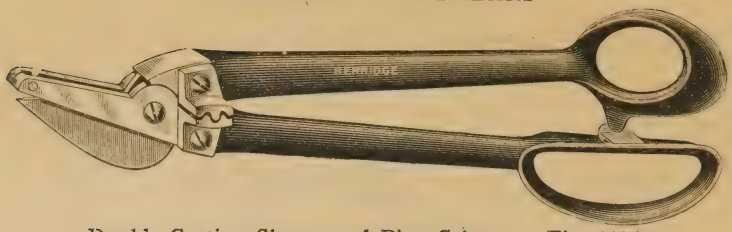
Fig. 3104. No. 165. Hand, cut 4 in., entire length 15½ in, weighs 3 lbs., each **$3.00**

Fig. 3104. No. 170. Hand, cut 3½ in., entire length 14 in., wieghs 2¼ lbs., each **2.50**

Fig. 3104. No. 180. Hand, cut 3 in., entire length 13 in., weighs 1¾ lbs., each **2.00**

Fig. 3104. No. 190. Hand, cut 2½ in., entire length 12½ in., weighs 1½ lbs., each **1.50**

DOUBLE-CUTTING SHEARS



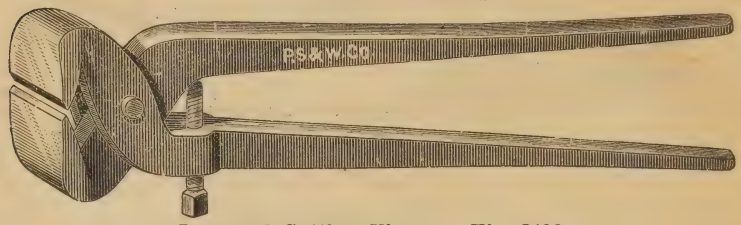
Double-Cutting Shears and Pipe Crimper. Fig. 3105

These Double-Cutting Shears combined with a Pipe Crimper are now well known. The blade is pointed and readily inserted in the metal at the point desired to begin the cutting. They are adapted to cutting off the bottoms of pails, cans, etc., and suitable for cutting round or square work. The crimping attachment is designed for crimping any kind of sheet metal pipe, round or square. The parts are interchangeable, and the crimping jaws are of steel.

No. 01 and 02 are the same as No. 2, except they do not have the crimping attachment.

Fig. 3105. No. 2. Double-Cutting Shears, with Pipe Crimper, length 13 in., weighs 2¼ lbs..... **$3.00**
Fig. 3105. No. 01. Double-Cutting Shears, without Pipe Crimper, length 11 in., weighs 1¾ lbs..... **2.60**
Fig. 3105. No. 02. Double-Cutting Shears, without Pipe Crimper, length 13 in., weighs 2 lbs..... **2.75**

CUTTING NIPPERS



Improved Cutting Nippers. Fig. 3106.

The jaws of these Nippers are made from best cast steel, and each nipper is tested by cutting steel wire before leaving the factory. After withstanding such a test they are considered perfect and are not warranted against breakage.

Fig. 3106. No. 0. Very large and strong, 2 in. Jaws, 14 in. long, weighs 3½ lbs.....each **$3.75**
Fig. 3106. No. 1. Extra large size, 12 in. long, weighs 2⅛ lbs....each **2.25**
Fig. 3106. No. 2. Large size, 11 in. long, weighs 1½ lbs.....each **2.00**
Fig. 3106. No. 3. Common size, 10 in. long, weighs 20 oz.....each **1.50**
Fig. 3106. No. 4. Small size, 8 in. long, weighs 12 oz.....each **1.40**
Fig. 3106. No. 5. Small size, 7 in. long, weighs 11 oz.....each **1.00**

COMBINATION SHEAR AND ROTARY HAND CRIMPER AND PIPE FITTER

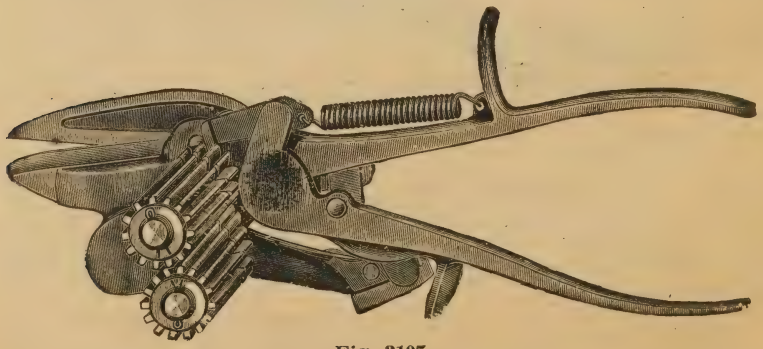


Fig. 3107

It will make a 1 in. crimp on metal as heavy as No. 24 gauge, and will cut metal as heavy as No. 18 Gauge. All working parts are made of steel and duplicate parts can be furnished.

Fig. 3107. Combination Pipe Fitter, weighs 2¼ lbs.....each **$4.25**

Southers Tinners' Tools

BENCH PLATES

This new and improved Bench Plate is so made that it can be readily inserted in any bench of ordinary thickness, and revolves so that different tools may be used in the same position.

Fig. 3108. No. 3. 9 x 9 in., weight 18 lbs., each **$3.50**
Bolt and Handle for No. 3..... **1.50**

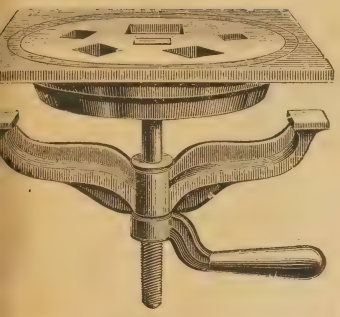
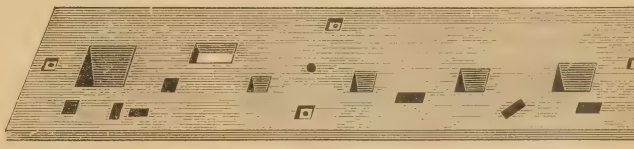


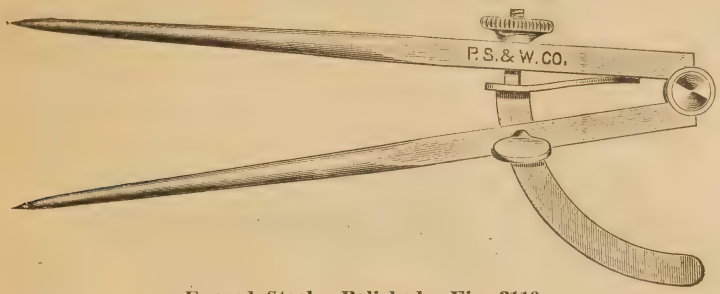
Fig. 3108
Improved Bench Plate Polished.



Cast Iron, Polished. Fig. 3109

Fig. 3109. No. 0. 48 x 12 in., weighs 94 lbs .....each, $9.00
Fig. 3109. No. 1. 37 x 8 in., weighs 50 lbs .....each, 5.00
Fig. 3109. No. 2. 30 x 8 in., weighs 37 lbs .....each, 3.00

WING DIVIDERS



Forged Steel. Polished. Fig. 3110

Inches	5	6	7	8	9
Weight, per doz	2	4	4¼	4½	7 lbs
Fig 3110. No. 35. Polished, per doz	$ 5.50	$ 5.50	$ 6.50	$ 7.50	$ 9.00
Fig 3110. No. 235. Gun Metal finish, doz	6.25	6.25	7.50	9.00	10.50
Inches	10	12	15	18	24
Weight, per doz	8	12	14	19½	34½ lbs
Fig. 3110. No. 35, Polished, per doz	$10.00	$12.00	$18.00	$25.00	$36.00
Fig. 3110. No. 235. Gun Metal finish, doz	12.00	14.00	21.00	30.00	45.00

8 in. and Smaller, in Boxes of one dozen each
9 in. and Larger, in Boxes of one-half dozen each

SOLDERING COPPER HANDLES, WIRED

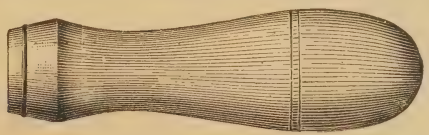
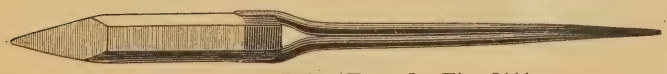


Fig. 3112 Per Doz., $0.40.

SOLDERING COPPERS



Drawn Copper Bolts, Forged. Fig. 3111
With Square Points for Common Use or With Flat Points

Fig. 3111. Nos.	1	1½	2	2½	3	4	5	6	7	8	10	12	14	
Weighs	1	1½	2	2½	3	4	5	6	7	8	10	12	14	lbs. per pair.

Soldering Coppers .....per lb. $0.45

Souther's Tinners' Tools

RIVET SETS AND HEADERS.

Fig. 506

Tinners' Cast Steel Rivet Set, Gun Metal Finish.

Nos.	00	0	1	2	3	4	5	6	7
For Iron Rivets,	14	10 and 12	8	6	4 and 5	2½ and 3	1¾ and 2	1½	1¼ lbs. 10 and 12 oz.
For Copper Rivets, Nos.	5	6	7	8	9	10 and 11	12	13	14

RIVET SETS

Fig. 3113

Nos.	00 and 0,	1 and 2,	3 and 4	5 and 6,	7 and 8	Best cast steel
Each	75,	63,	50,	37,	32,	cents.

Ornament Sets ..... each, **$0.38**

GROOVING TOOLS.

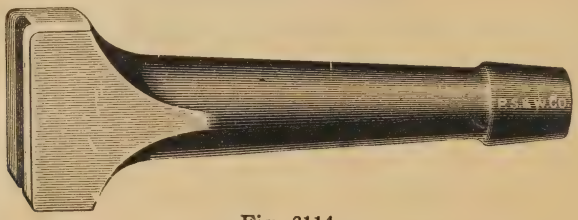


Fig. 3114

HAND GROOVER

Fig. 3114. Nos.	00	0	1	2	3	4	5	6	7	8	Forged Steel.
Groove,	1/2	7/16	13/32	3/8	5/16	1/4	3/16	5/32	1/8	1/16	Inch.
Each	75	75	63	63	50	50	37	37	25	25	Cents

MALLETS

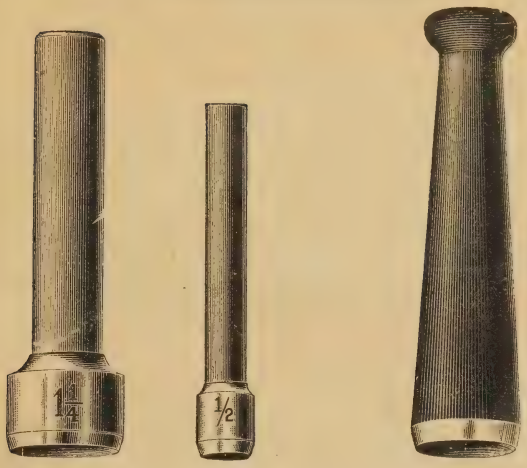
Fig. 3115

TINNERS' MALLET

Fig. 3115. Best Seasoned Hickory, assorted, from 2 to 3 in..per doz **$1.40**

Souther's Tinners' Tools

HOLLOW PUNCHES

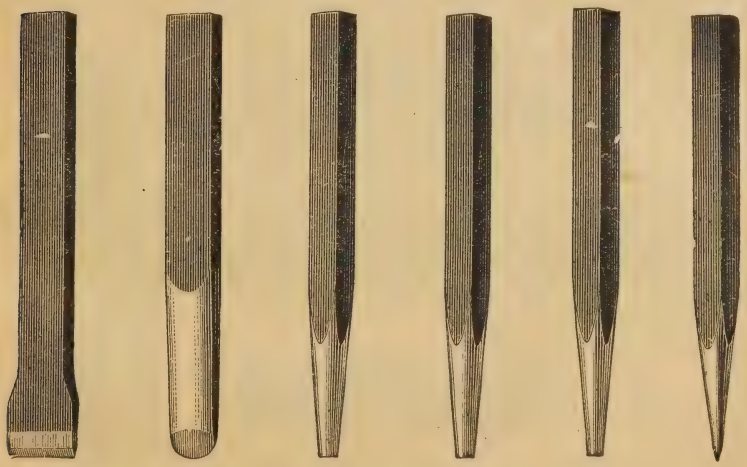


Forged Steel. Fig. 3116 **Wrought Shank. Fig. 3116A.**

All sizes to and including 1¾ in. diameter, round.....per inch **$1.00**
All sizes above 1¾ in. diameter, round.....per inch **1.25**
Oval .....per inch **1.50**

All sizes to and including 1½ in. are forged steel. Sizes larger than 1½ in. are wrought shank.

SOLID PUNCHES Fig. 3117



Solid Punches

Fig. 3117. Set Solid Punches—4 Punches, 2 Chisels.....per set **$0.72**
Fig. 3117. Square, Cast Steel, Nos. 0, 1, 2, 3, 4, 5, 6, 7, 8, and Prick.each **.12**
Fig. 3117. Square, Cast Steel, Extra Large, No. 00.....each **.15**
Fig. 3117. Solid Punches, assorted.....per dozen **1.44**

Souther's Tinners' Tools

HAMMERS

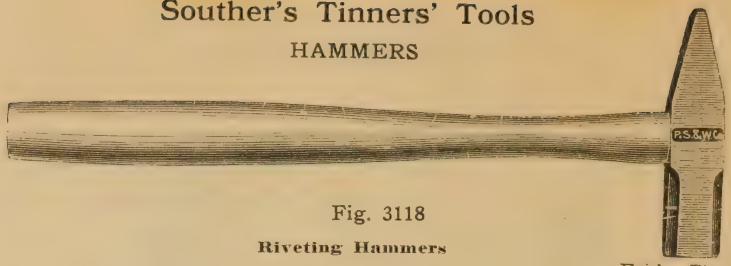


Fig. 3118

Riveting Hammers

	Each.	Doz.
Fig. 3118. No. 0. Riveting, for Heavy Work, Bright, 1½ in., Handled, weighs 2½ lbs.	$1.30	$15.50
Fig. 3118. No. 1. Riveting, for Sheet Iron, Bright, 1⅛ in., Handled, weighs 1½ lbs.	.82	9.75
Fig. 3118. No. 2. Riveting, for Tin, etc., Bright, 1 in., Handled, weighs 18 oz.	.70	8.31
Fig. 3118. No. 3. Riveting, for tin, etc., Bright, ⅞ in. Handled, weighs 14 oz.	.57	6.75
Fig. 3118. No. 4. Riveting, for Tin, etc., Bright, ¾ in., Handled, weighs 10 oz.	.45	5.31
Fig. 3118. No. 5. Riveting, for Tin, etc., Bright, ⅝ in., Handled, weighs 6 oz.	.40	4.75

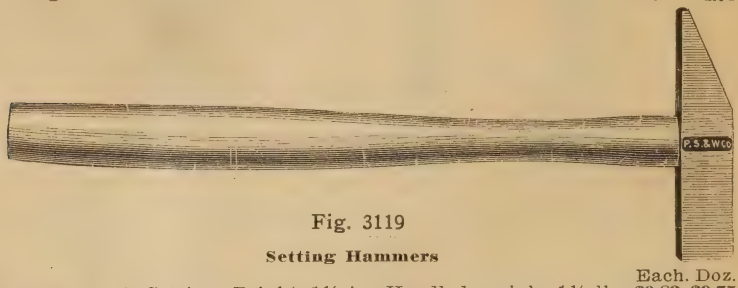


Fig. 3119

Setting Hammers

	Each.	Doz.
Fig. 3119. No. 1. Setting, Bright, 1⅛ in., Handled, weighs 1½ lbs.	$0.82	$9.75
Fig. 3119. No. 2. Setting, Bright, 1 in., Handled, weighs 18 oz.	.70	8.31
Fig. 3119. No. 3. Setting, Bright, ⅞ in., Handled, weighs 14 oz.	.57	6.75
Fig. 3119. No. 4. Setting, Bright, ¾ in., Handled, weighs 10 oz.	.45	5.31
Fig. 3119. No. 5. Setting, Bright, ⅝ in., Handled, weighs 6 oz.	.40	4.75

Fig. 3120A

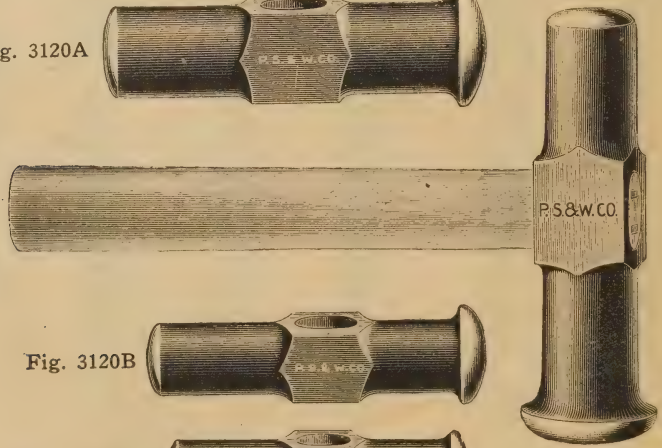


Fig. 3120B

Fig. 3120C

Fig. 3120

Raising Hammers

Raising Hammers can be furnished without handles if desired.

Fig. 3120. No. 1. Raising Hammer, Handled, weighs 5 lbs. each	$2.35
Fig. 3120. No. 2. Raising Hammer, Handled, weighs 3¾ lbs. each	1.85
Fig. 3120. No. 3. Raising Hammer, Handled, weighs 2¼ lbs. each	1.35
Fig. 3120. No. 4. Raising Hammer, Handled, weighs 1¼ lbs. each	.85
Fig. 3120. Handles per dozen extra	1.25

Souther's Tinners' Tools

NEW BAR FOLDER
or Tin Folding Machine

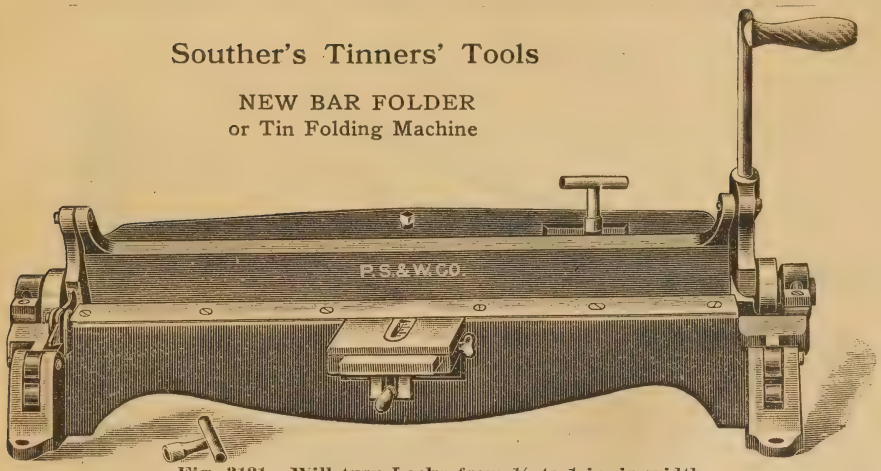


Fig. 3121. Will turn Locks from ⅛ to 1 in. in width

We commend these entirely new Folders for their real merit and excellence. They work easily and the wearing parts are most durable. The wedge that raises and lowers the wing is operated by a rack and pinion and is most easily moved and adjusted. The gauge is adjusted by means of a drop lever in front of the machine; its adjustment is in fractions of inches, which are indicated by a graduated scale in front and on the top of the machine. The movement of the gauge is instantaneous. It is fastened by a thumb screw on the right of the projection in front. The adjustment of the folding bar for round or open locks is by means of the socket wrench shown in the cut. The parts of these machines are interchangeable. They are adapted for ordinary tin, but may be adjusted for material as thick as No. 22 gauge. Nos. 252½ and 254½ are practically the same as Nos. 252 and 254, except that they are fitted with a spring attachment, as shown in the sectional cut above, for counter balancing the bar, giving very rapid execution. They are especially adapted to lithographers and printers for binding or mounting show cards, calendars, etc.

Fig. 3121. No. 252 20 in., will turn Locks from ⅛ to 1 in.; weight 90 lbs. **$30.00**
Fig. 3121. No. 254 30 in., will turn Locks from ⅛ to 1 in.; weight 170 lbs. **40.00**
Fig. 3121. No. 252½ 20 in., with Spring Attachment **36.00**
Fig. 3121. No. 254½ 30 in., with Spring Attachment **46.00**

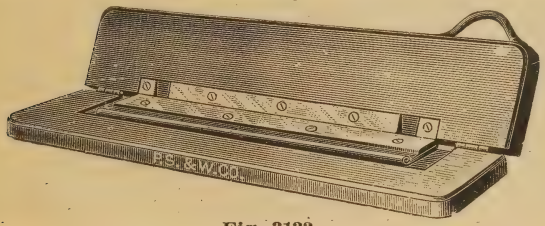


Fig. 3122
Improved Wood Roofing Folder.

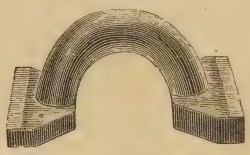


Fig. 3123
Hand Roofing Double Seamer

Fig. 3122. Roofing Folder, Common, 30 in., Wood, weighs 12 lbs. **$3.50**
Fig. 3122. Roofing Folder, Common, 20 in., Wood, weights 9 lbs. **2.50**
Fig. 3122. Roofing Folder, Common, 14 in., Wood, weighs 7 lbs. **2.50**
Fig. 3122. Roofing Folder, Improved, 30 in., Wood, with Gauge, weighs 15 lbs. **5.00**
Fig. 3122. Roofing Folder, Improved, 20 in., Wood, with Gauge, weighs 11 lbs. **3.50**
Fig. 3122. Roofing Folder, Adjustable, for 20 or 30 in., Wood, with Gauge, weighs 15 lbs **6.00**
Fig. 3123. Double Seamers, weight 19 lbs., each per set (2) **1.75**

Scratch Awls

Fig. 3124. Ring Awl, Solid Steel.

Fig. 3124. No. 1 Steel Scratch Awls, length 8½ in., per dozen **$1.25**

Souther's Tinners' Tools

Gutter Tongs Fig. 3125

With one operation it folds the cleat and nails it to the sheathing, and does it so snugly that the roof will not rattle. Its method of operation is simple. For standing lock roofs the cleat and cleater are hooked over the roofing; a quick movement to one side bends the cleat at right angles and close to the roofing and sheathing. The plunger is then raised and the nail, which has been dropped by the operator —point down—into the funnel-shaped pocket on the side of the cleater, slides down against the cleat. A sharp, downward stroke of the plunger drives the nail through the cleat and into the sheathing.

It is adapted to tin and sheet metal roofs of various kinds and will nail flat seam roofs rapidly and well.

The use of a hammer is unnecessary and the annoyance and pain of striking the fingers is avoided.

Note.—When ordering please state whether for Common (1 in.) or Wide (1¼ in.) gauge.

Fig. 3125. Gutter Tongs. Weighs 10 lbs.....each **$5.00**
Fig. 3126. Rapid Roofing Cleater and Nailer. Weighs 2¾ lbs. .....each **2.50**

Fig. 3126

The Rapid Roofing Cleater and Nailer

TINNERS' STEEL RULE

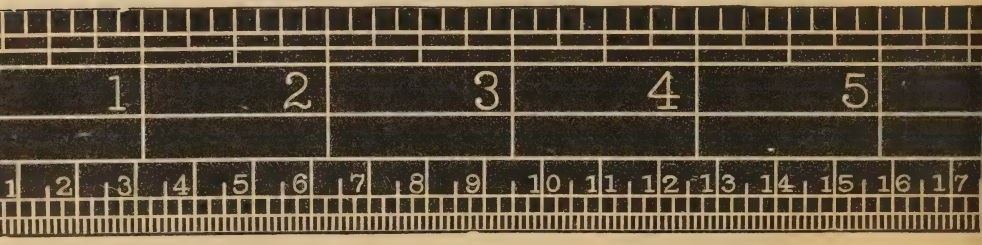


Fig. 3127

Section of Tinners' Rule. Entire Length, One Yard

This Tinners' Rule is an invaluable article for any practical tinner, and the cut is an exact representation, so far as shown; its entire length is 36 inches. The upper line is the ordinary rule graduated by eights of an inch. The lower line shows at a glance the exact circumference of any cylinder by simply ascertaining the diameter, i. e., a vessel 5 inches in diameter the rule indicates to be 15¾ inches in circumference.

The reverse side contains much useful information in large, plain figures, regarding the size of sixty different articles, such as cans, measures, pails, etc., with straight or flaring sides, flat or pitched top, liquid and dry measure in quarts, gallons and bushels. First is given the dimensions for vessels holding 1 to 5 gallons, liquid measure; second ¼ to 2 bushels, dry measure; third, cans with pitched top, 1 to 10 gallons; fourth, cans with flat top 1 to 200 gallons; fifth, vessels holding 1 to 8 quarts and ½ bushel to 3 bushels, dry measure.

Fig. 3127. No. **101.** Tinners' Rule, Polished. Weighs 1¾ lbs .....each **$3.50**
Fig. 3127. No. **107.** Tinners' Rule, Nickel Plated. Weighs 1¾ lbs.....each **4.00**

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AVERAGE WEIGHTS OF
GALVANIZED SHEETS STANDARD SIZES.

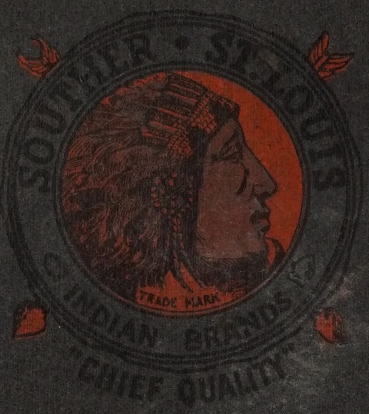
Per Sheet and Per Bundle in Pounds.

GAUGES	14			16			18			20			22		
Size of Sheet.	Wt. per Sheet.	Wt. per Bundle	No. Sheets.	Wt. per Sheet.	Wt. per Bundle.	No. Sheets.	Wt. per Sheet.	Wt. per Bundle.	No. Sheets.	Wt. per Sheet.	Wt. per Bundle.	No. Sheets.	Wt. per Sheet.	Wt. per Bundle.	No. Sheets.
24x 72	39.3	157	4	31.8	159	5	25.9	155	6	19.9	159	8	16.9	152	9
26x 72	42.6	171	4	34.5	138	4	28.0	140	5	21.5	151	7	18.3	146	9
28x 72	45.9	138	3	37.2	149	4	30.2	151	5	23.2	162	7	19 7	158	8
30x 72	49 2	148	3	39.8	159	4	32.4	162	5	24.8	149	6	21 1	148	7
36x 72	59 1	177	3	47.7	143	3	38.9	155	4	29 9	149	5	25.4	152	6
24x 84	45.9	138	3	37.2	149	4	30.2	151	5	23.2	162	7	19.7	158	8
26x 84	49.7	149	3	42.3	161	4	32.7	163	5	25.1	151	6	21.3	149	7
28x 84	53.5	161	3	43.4	174	4	35.2	141	4	27 0	135	5	23.0	161	7
30x 84	57.4	172	3	46 5	139	3	37.7	151	4	29.0	145	5	24.6	148	6
36x 84	68.9	138	2	55.8	167	3	45.3	136	3	34.8	139	4	29.6	148	5
24x 96	52.5	157	3	42.5	170	4	34.5	138	4	26.5	159	6	22.5	157	7
26x 96	56.8	171	3	46.0	138	3	37.4	149	4	28.7	143	5	24 4	146	6
28x 96	61.2	184	3	49.6	149	3	40.3	161	4	30.9	155	5	26.3	157	6
30x 96	65.6	131	2	53.1	159	3	43.1	129	3	33.1	166	5	28 1	141	5
36x 96	78.7	157	2	63.7	127	2	51.8	155	3	39.7	159	4	33.9	169	5
24x120	65.6	131	2	53.1	159	3	43.1	129	3	33.1	166	5	28.1	141	5
26x120	71.1	142	2	57.6	173	3	46.7	140	3	35.9	143	4	30.5	152	5
28x120	76.5	153	2	62.0	186	3	50.3	151	3	38.6	155	4	32.8	164	5
30x120	82.0	164	2	66.4	133	2	53.9	162	3	41.4	166	4	35.2	141	4
36x120	98.4	197	2	79.7	159	2	64.7	129	2	49.6	149	3	42.1	169	4
GAUGES	**24**			**26**			**27**			**28**			**30**		
24x 72	13.9	153	11	10.9	152	14	10.1	152	15	9.4	150	16	7.9	150	19
26x 72	15.0	150	10	11.8	153	13	11.0	154	14	10.2	152	15	8.5	145	17
28x 72	16.2	146	9	12.7	152	12	11.8	154	13	10.9	153	14	9.2	147	16
30x 72	17.4	156	9	13.6	149	11	12.7	152	12	11.7	152	13	9.9	148	15
36x 72	20.9	146	7	16.3	147	9	15.1	152	10	14.1	155	11	11.9	154	13
24x 84	16.2	146	9	12.7	152	12	11.8	154	13	10.9	153	14	9.2	147	16
26x 84	17.5	140	8	13.7	151	11	12.8	153	12	11.8	154	13	9.9	149	15
28x 84	18.9	151	8	14.8	148	10	13.8	152	11	12.7	153	12	10.7	150	14
30x 84	20.2	142	7	15.9	159	10	14.8	148	10	13.7	150	11	11.5	149	13
36x 84	24.3	146	6	19.0	152	8	17.7	159	9	16.4	148	9	13.8	152	11
24x 96	18.5	148	8	14.5	145	10	13.5	148	11	12.5	150	12	10.5	157	15
26x 96	21.0	160	8	15.7	157	10	14.6	146	10	13.5	149	11	11.4	148	13
28x 96	21.6	151	7	16.9	152	9	15.7	157	10	14.6	146	10	12.2	147	12
30x 96	23.1	162	7	18.1	145	8	16.9	152	9	15.6	156	10	13.1	144	11
36x 96	27.7	166	6	21.7	152	7	20.2	162	8	18.8	150	8	15.8	157	10
24x120	23.1	162	7	18.1	145	8	16.9	152	9	15.6	156	10	13.1	144	11
26x120	25.1	150	6	19.6	157	8	18.3	146	8	16.9	152	9	14.2	156	11
28x120	27.0	152	6	21.1	148	7	19.7	157	8	18.2	146	8	15.3	153	10
30x120	28.9	145	5	22.6	159	7	21.1	148	7	19.5	156	8	16.4	148	9
36x120	34.7	173	5	27.2	163	6	25.3	152	6	23.4	164	7	19 7	158	8

GALVANIZED SHEETS.

Table of Net Prices per pound and square foot at various discounts.

Number of Gauge...		16	18	20	22	24	26	27	28	30
List Price per lb .		12c	13c	13c	14c	14c	15c	16c	17c	21c
Ounces per sq. ft. ..		42.5	34.5	26 5	22.5	18.5	14.5	13.5	12.5	10 5
Pounds per sq. ft....		2.656	2.156	1 656	1.406	1.156	906	.8437	7812	.6562
List Price per sq. ft.		31.87	28.02	21.52	19.68	16.18	13.59	13.49	13.28	13.78
DISCOUNT.		Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
70%	Per lb...	3.60	3.90	3.90	4.20	4.20	4 50	4 80	5.10	6.30
	Per sq. ft	9.56	8.41	8.46	5.90	4.85	4.07	4.05	3.98	4.13
70-2½%	Per lb...	3.51	3.80	3.80	4.09	4.09	4.38	4.68	4.97	6.14
	Per sq. ft	9.32	8 19	6.29	5.75	4.73	3.97	3 95	3.88	4 03
70-5%	Per lb...	3.42	3.70	3 70	3.99	3.99	4 27	4.56	4.84	5.98
	Per sq. ft	9.08	7.97	6.12	5.61	4.61	3.87	3.84	3.78	3.92
70-7½%	Per lb...	3.33	3.61	3.61	3.89	3.89	4.16	4.44	4.72	5.83
	Per sq. ft	8.84	7.78	5.98	5.47	4.50	3 77	3 75	3.69	3.83
70-10%	Per lb...	3.24	3.51	3.51	3 78	3.78	4 05	4 32	4.59	5.67
	Per sq. ft	8.60	6.98	5 81	5.31	4 37	3 67	3.64	3.58	3 72
72½%	Per lb...	3.30	3.58	3 58	3 85	3 85	4 13	4 40	4.68	5 78
	Per sq. ft	8.76	7.69	5.91	5 41	4 45	3.73	3 71	3.65	3.79
72½-2½%	Per lb...	3.22	3.49	3.49	3.75	3 75	4.02	4 29	4 56	5.63
	Per sq. ft	8.55	7.52	5.78	5.25	4.34	3.64	3.62	3.56	3.69
72½-5%	Per lb...	3.14	3.40	3.40	3.66	3.66	3.92	4 08	4.44	5.49
	Per sq. ft	8.31	7.30	5 61	5.13	4 23	3.54	3.52	3.47	3.59
72½-7½%	Per lb...	3.05	3.31	3 31	3.56	3.56	3.82	4.07	4.32	5.34
	Per sq. ft	8.10	7.14	5.48	5.01	4.12	3.46	3.43	3.37	3.50
72½-10%	Per lb...	2.97	3.22	3.22	3 46	3.46	3.71	3 96	4.21	5.20
	Per sq. ft	7.89	6.92	5.31	4.86	4.00	3.36	3 34	3.28	3.40
75%	Per lb...	3.00	3.25	3.25	3.50	3.50	3.75	4 00	4.25	5 25
	Per sq. ft	7.97	7.00	5.38	4.92	4.04	3 39	3 37	3.32	3 44
75-2½%	Per lb...	2.92	3.17	3 17	3 41	3 41	3 66	3.90	4.14	5.12
	Per sq. ft	7.76	6.84	5.25	4.80	3 94	3 32	3.29	3 23	3.36
75-5%	Per lb...	2.85	3.09	3.09	3.33	3.33	3 56	3.80	4.04	4.99
	Per sq. ft	7 57	6.64	5.10	4 66	3.83	3.22	3 21	3.15	3.26
75-7½%	Per lb...	2.78	3.01	3.01	3.24	3 24	3 47	3.70	3 93	4.86
	Per sq. ft	7.36	6.49	4.99	4.56	3.75	3.14	3.12	3.07	3.19
75-10%	Per lb...	2.70	2.92	2.92	3 15	3 15	3 37	3 60	3.82	4.72
	Per sq. ft	7.17	6.29	4.83	4.43	3.64	3.05	3.03	2.98	3.09
77½%	Per lb...	2.70	2.92	2 92	3.15	3 15	3.37	3.60	3 82	4.72
	Per sq. ft	7.17	6.29	4.83	4 43	3.64	3.05	3.03	2.98	3.09
77½-2½%	Per lb...	2.63	2.85	2.85	3.07	3.07	3 29	3.51	3.73	4.61
	Per sq. ft	6.99	6.15	4.72	4.32	3 55	2.98	2.96	2.91	3.03
77½-5%	Per lb...	2.56	2.78	2.78	2.99	2 99	3.21	3.42	3 63	4.49
	Per sq. ft	6.80	5.97	4.58	4.20	3 45	2.90	2.88	2 83	2.94
77½-7½%	Per lb. .	2.50	2.71	2.71	2 91	2 91	3.12	3.33	3.54	4.37
	Per sq. ft	6.64	5.84	4.49	4.09	3.36	2.83	2.81	2.77	2.87
77½-10%	Per lb...	2.43	2.63	2.63	2 83	2.83	3.04	3.24	3 44	4.25
	Per sq. ft	6 45	5.67	4.35	3.98	3.27	2.74	2.73	2.68	2.79
80%	Per lb...	2.40	2.60	2.60	2.80	2.80	3.00	3 20	3.40	4.20
	Per sq. ft	6.37	5.60	4.30	3.93	3.23	2.70	2.70	2.65	2.75
80-2½%	Per lb...	2.34	2.54	2.54	2.73	2.73	2.93	3.12	3.32	4.10
	Per sq. ft	6.22	5.48	4.21	3.84	3.16	2.66	2.63	2.59	2.69
80-5%	Per lb...	2.28	2.47	2.47	2.66	2.66	2.85	3.04	3.23	3.99
	Per sq. ft	6.05	5.32	4.09	3.74	3.07	2.58	2.56	2.52	2.62
80-7½%	Per lb...	2.22	2.41	2.41	2.59	2.59	2.78	2.96	3.15	3.89
	Per sq. ft	5.90	5.20	3.99	3.64	2 99	2.52	2.50	2 46	2.55
80-10%	Per lb...	2.16	2.34	2.34	2.52	2.52	2 70	2.88	3.06	3.78
	Per sq. ft	5.73	5.04	3.87	3.54	2.91	2.44	2 43	2.39	2 48


SOUTHIER · ST. LOUIS
TRADE MARK
INDIAN BRANDS
"CHIEF QUALITY"